

MERIDIAN OIL

April 4, 1986

State of Utah Natural Resources
Oil, Gas and Mining
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attention: Arlene Sollis

RECEIVED
APR 07 1986

DIVISION OF
OIL, GAS & MINING

Re: Application for Permits to Drill
42-5 Navajo
SENE Section 5-39S-25E
43-5 Navajo
NESE Section 5-39S-25E
San Juan County, Utah
Federal Lease No. U-58728

Gentlemen:

Enclosed are three copies of Form 3160-3, Application for Permit to Drill with attachments for each of the above referenced locations.

Please be advised that Meridian Oil Inc. requests that all pertinent data for this location be granted TIGHT HOLE status.

If you have any questions, please do not hesitate to call me at 406-256-4122.

Sincerely,



S. S. Nelson
Sr. Operations Technician

ssn

Encl

1175N

CONFIDENTIAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. U-57895 U58728
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo
2. NAME OF OPERATOR MERIDIAN OIL INC.			7. UNIT AGREEMENT NAME --
3. ADDRESS OF OPERATOR P. O. Box 1855, Billings, MT 59103			8. FARM OR LEASE NAME Navajo
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) At surface SENE (1930' FNL - 320' FEL) At proposed prod. zone 2130' Same			9. WELL NO. 42-5
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 6 miles east Hatch Trading Post			10. FIELD AND POOL, OR WILDCAT Kiva UNDESIGNATED
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 320'		16. NO. OF ACRES IN LEASE 120 520.28	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 5-39S-25E
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1000'		17. NO. OF ACRES ASSIGNED TO THIS WELL 40	12. COUNTY OR PARISH San Juan
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4791' GL (graded)		19. PROPOSED DEPTH 5780' <i>ch</i>	13. STATE Utah
22. APPROX. DATE WORK WILL START* June 15, 1986		20. ROTARY OR CABLE TOOLS Rotary	

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2	13-3/8	48#	80'	Redi-Mix to surface
11	8-5/8	24 & 32#	3,300'	Two stage, DV tool @ 1500'
7-7/8	5-1/2	15.5#	5,780'	Cement to sfc w/1500 sx "B" Lite Single stage, top of cmt @ 2800'

The Upper Ismay and/or the Desert Creek will be selectively perforated and tested.

A 3000 psi WP and 6000 psi test double gate preventer equipped with blind and pipe rams will be used for blow out prevention on this well.

CONFIDENTIAL INFORMATION

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any. WINSTEAD

24. SIGNED *John R. Day* TITLE Sr. Drilling Engineer DATE 3/26/86

(This space for Federal or State office use)

PERMIT NO. 43-037-31261

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

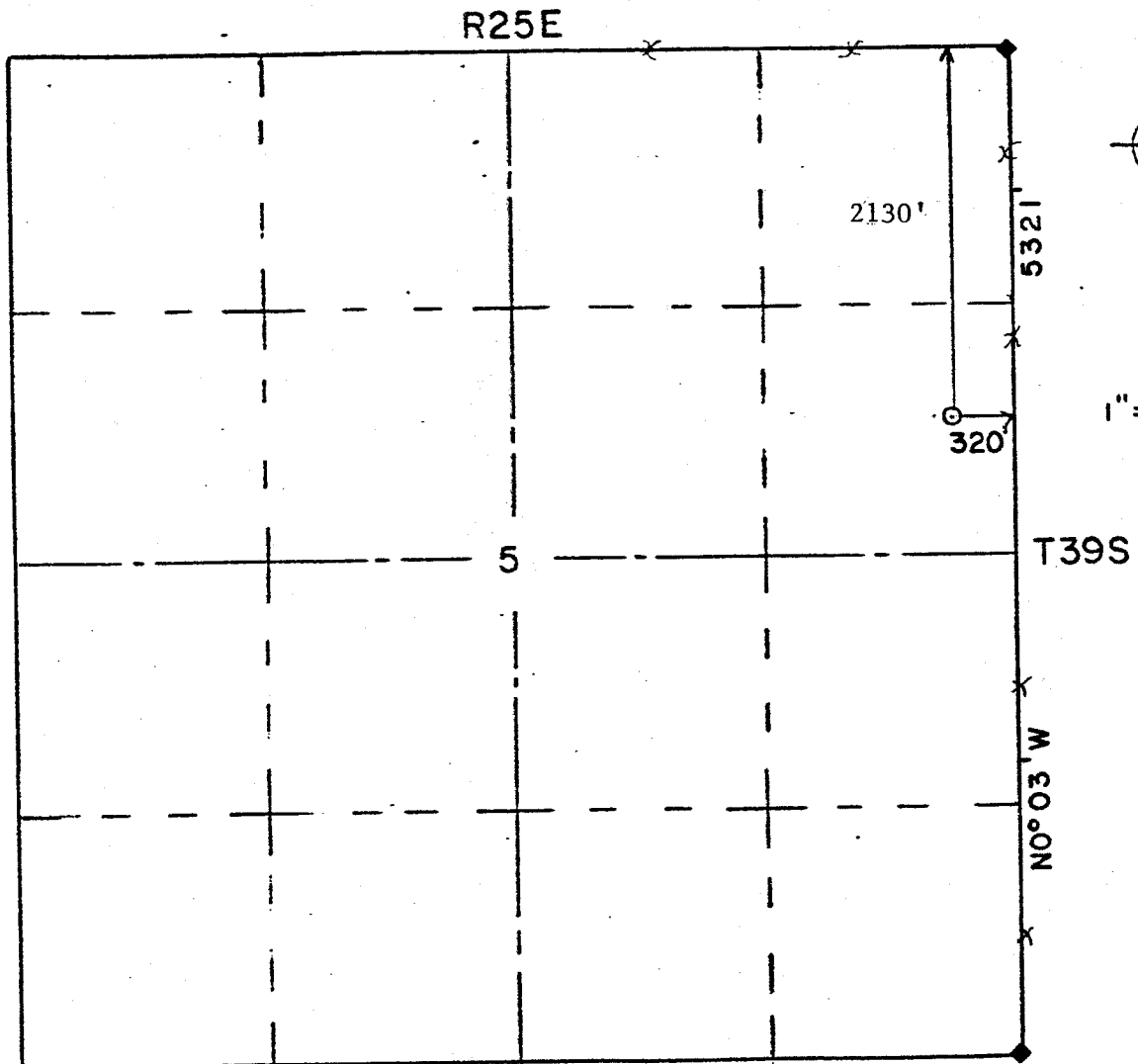
TITLE _____

DATE: 4-26-86
BY: *John R. Day*
WELL SPACING: 302.1

*See Instructions On Reverse Side

WELL LOCATION PLAT

Revised



WELL LOCATION DESCRIPTION:

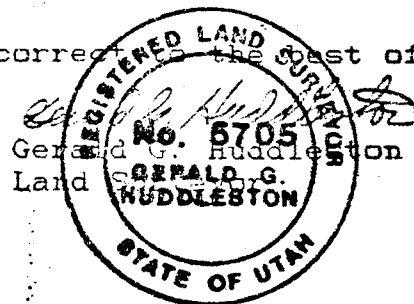
MERIDIAN OIL
42-5 NAVAJO
2130' FN & 320' FE
SECTION 5, T39S, R25E, SLM
SAN JUAN COUNTY, UTAH
GROUND ELEVATION 4792'

ALTERNATE:

1930' FN' & 320' FE
GR 4792'

30 MARCH 1986

The above plat is true and correct to the best of my knowledge and belief.



1188N/0075N/III

OIL AND GAS ORDER NO. 1

MERIDIAN OIL INC.

LEASE NAME: 42-5 Navajo
LEASE NO. U-57895
LOCATION: SENE Section 5-39S-25E
1930' FNL - 320' FEL
San Juan County, Utah
Kiva Field

A. EIGHT POINT DRILLING PROGRAM

1.& 2. Estimated Tops:

Morrison	Surface	
Entrada	619	
Navajo	807	fresh water
Chinle	1512	
Shinarump	2380	
Cutler	2605	
Hermosa	4442	
Upper Ismay	5395	oil
Desert Creek	5649	oil
Chimney Rock	5716	
Akah	5739	
TD	5780	

3. Pressure Control Equipment:

- a. A 3000 psi WP and 6000 psi test double gate preventer equipped with blind and pipe rams.
- b. BOP systems will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout preventor controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

4. Casing program:

Anticipated cement tops will be reported as to depth, not the expected number of sacks. The San Juan Resource Area will be notified 1 day before running casing strings and cement.

<u>Hole Size</u>	<u>Size</u>	<u>Depth</u>	<u>Weight</u>	<u>Casing</u>		<u>Cond</u>	<u>Cementing Program</u>
				<u>Grade</u>	<u>Thrd</u>		
17-1/2	13-3/8	80	48#	H-40	ST&C	New	Redi-Mix to surface.
11	8-5/8	3,300	24 & 32#	K-55	ST&C	New	Two stage, DV tool @1500' Cement to sfc w/1500 sx "B" Lite (35/65/6) +2% CaCl ₂ & 250 sx "B" +2% CaCl ₂ .
7-7/8	5-1/2	5,780	15.5#	K-55	LT&C	New	Single stage, top of cmt @ 2800'. Caliper log + 40% excess. "B" Lite (35/65/6) + 1/4#/sx Flocele & Class "B" + fluid loss additive.

5. Proposed drilling mud program:

A water base mud system from surface to TD. Maximum anticipated mud weight is 10#/gallon.

A mud logging unit will be on location from 3300' to TD.

6. Testing program:

Lower Desert Creek - Possible
 Upper Ismay - Probable

Logging program:

Cal/GR/DLL/MSFL Base surface casing to TD (GR to surface)
 Cal/GR/Sonic Base surface casing to TD (GR to surface displays)
 Cal/GR/CNL/Lithoden 5200' to TD
 Dipmeter: If Desert Creek indicates productive.

Coring program:

One 60' core planned in the Upper Ismay.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analysis, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. If requested, samples (cuttings, fluids, and/or gases) will be submitted to the District Manager.

7. Anticipated abnormal BHP or BHT:

No abnormal BHP or BHT are expected in this well.

Potentially hazardous conditions anticipated:

No H₂S has been found, reported or is known to exist at these depths in this area.

8. Anticipated Starting Dates and Notifications of Operations

The operator will contact the San Juan Resource Area at 801-587-2201, 48 hours before beginning any dirt work.

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the District Manager. If operations are to be suspended, prior approval of the District Manager will be obtained and notification given before resumption of operations.

The spud date will be reported orally to the San Juan Area Manager, a minimum of 24 hours before spudding. A Sundry Notice (Form 3160-5) will be sent within 24 hours after spudding, reporting the spud date and time. The Sundry will be sent to the District Manager. If the spudding is on a weekend or holiday, the Sundry will be submitted on the following regular work day.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 9-329 "Monthly Report of Operations," starting with the month in which operations begin and continue each month until the well is physically plugged and abandoned. This report will be sent to the BLM District Office, P. O. Box 970, Moab, Utah 84532.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported to the Resource Area in accordance with requirements of NTL-3A.

If a replacement rig is planned for completion operations, a Sundry Notice (Form 3160-5) to that effect will be filed, for prior approval of the District Manager. All conditions of this approved plan are applicable during all operations conducted with the replacement rig. In emergencies, verbal approval can be given by the District Petroleum Engineer.

If the well is successfully completed for production, then the District Manager will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than 5 business days following the date on which the well is placed on production.

No well abandonment operations will begin without the prior approval of the District Manager. In the case of newly drilled dry holes or failures, and in emergencies, oral approval will be obtained from the District Petroleum Engineer. A "Subsequent Report of Abandonment" (Form 3160-5), will be filed with the District Manager, within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration.

Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the San Juan Area Manager, or the appropriate surface manager.

Approval to vent/flare gas during initial well evaluation will be obtained from the District Office. This preliminary approval will not exceed 30 days or 50 MMCF gas. Approval to vent/flare beyond this initial test period will require District Office approval pursuant to guidelines in NTL-4A.

Upon completion of approved plugging, a regulation marker will be erected in accordance with 43 CFR 3162.6. The following information will be permanently beaded-on with a welding torch: Fed, well number, location by 1/4 1/4 section, township and range, Lease number.

A first production conference will be scheduled within 15 days after receipt of the first production notice. The San Juan Area Manager will schedule the conference.

Other: A separate rig will be used for completion operations.

The following may be inspected and/or witnessed:

1. The cementing and testing of surface casing.
2. (Dry Hole) Setting and testing of surface casing shoe plug.
3. (Depleted Producer) The setting and testing of plugs across the producing horizon and if applicable, the surface casing shoe plug and/or annulus (casing to formation) squeeze jobs.

Notify the San Juan Resource Area (Mike Wade) one day or on dry hole as soon as possible prior to the above at (801) 587-2201 (Home) (801) 587-2026 or if unable to reach Mike, call Moab District office Greg Noble at (801) 259-6111 (Home) (801) 259-8811.

B. THIRTEEN POINT SURFACE USE PLAN

1. Existing Roads (Yellow)

- a. Location of proposed well in relation to town or other reference point:
6 miles east of Hatch Trading Post.
- b. Proposed route to location. (See attached Exhibit "1").
- c. Existing trail will be used - not graded.
- d. A one wire fence will be built around all archeological sites next to trail and well pad.

2. Roads to be Constructed and Reconstructed

- a. Access road will be used as is and not upgraded for drilling.
- b. Road is centerline flagged.
- c. Surface disturbance and vehicular travel will be limited to the approved location and approved access route. Any additional area needed will be approved in advance by the San Juan Area Manager.
- d. A culvert will be required at start of access.

3. Location of Existing Wells (1 mile radius)

- a. Existing wells in the area are shown on attached Exhibit "1".

4. Location of Existing and/or Proposed Facilities if Well is Productive

Battery facility is shown on attached Exhibit "4".

All permanent (on site for 6 months or longer) above ground facilities (including pump jacks) will be painted a flat, nonreflective, earthtone color to match the standard environmental colors, as determined by the Rocky Mountain 5-State Interagency Committee. All facilities will be painted within 6 months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The color will be Desert Brown.

All flowlines will be buried parallel to existing roads unless otherwise authorized by BLM.

If a tank battery is constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain 1-1/2 times the storage capacity of the battery.

All loading lines will be placed inside the berm surrounding the tank battery.

All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the District Manager.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and 500 feet downstream of the meter un or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place before any deliveries. Tests for meter accuracy will be conducted monthly for the first 3 months on new meter installations and at least quarterly thereafter. The San Juan Area Manager will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the San Juan Area Manager. All meter measurement facilities will conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

5. Location and Type of Water Supply

All water needed for drilling purposes will be obtained from Benally water well, located NWNE Section 5-39S-25E.

Use of water for this operation will be approved by obtaining a temporary use permit from the Utah State Engineer, (801) 637-1303 and by receiving permission from the landowner or surface management agency to use the land containing the water source.

6. Source of Construction Materials

Native soil materials from drilling location and access trail, which is available, will be used. Any additional materials needed will be hauled in from authorized commercial sources.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

7. Methods for Handling Waste Disposal

The reserve pit will not be lined with commercial bentonite sufficient to prevent seepage. At least half of the capacity will be in cut.

Three sides of the reserve pit will be fenced with four strands of barbed wire before drilling starts. The fourth side will be fenced as soon as the drilling is completed. The fence will be kept in good repair while the pit is drying.

A trash pit will be constructed near the mud tanks and dug at least six feet into solid undisturbed material. It will be totally enclosed with a fine wire mesh before the rig moves in. The road and pad will be kept litter free.

A burning permit is required for burning trash between May 1 and October 31. This can be acquired by contacting the State fire Warden, John Baker, at (801) 587-2705.

Produced waste water will be confined to a unlined pit for a period not to exceed 90 days after initial production. During the 90 day period, an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted for the District Manager's approval pursuant to Onshore Oil and Gas Order No. 3 (NTL-2B).

8. Ancillary Facilities

Camp facilities will not be required.

9. Well Site Layout

Rig layout, cuts and fills are shown on attached Exhibits "9" and "9.1".

The top 6 inches of soil material will be removed from the location and stockpiled on southwest side of well pad. Topsoil along the access will be reserved in place.

10. Reclamation:

- a. Immediately on completion of drilling, all trash and debris will be collected from the location and surrounding area. All trash and debris will be disposed of in the trash pit and will then be compacted and buried under a minimum of two feet of compacted soil.
- b. The operator/holder or his contractor will contact the San Juan Resource Area office in Monticello, Utah, (801) 587-2201, 48 hours before starting reclamation work that involves earthmoving equipment and upon completion of restoration measures.
- c. Before any dirt work to restore the location takes place, the reserve pit must be completely dry.
- d. All disturbed areas will be recontoured to blend as nearly as possible with the natural topography. This includes removing all berms and refilling all cuts.
- e. The stockpiled topsoil will be spread evenly over the disturbed area. All disturbed areas will be ripped 12 inches deep with the contour.
- f. Seed will be broadcast between October 1 and February 28 as per Surface Management stipulations. A harrow or similar implement will be dragged over the area to assure seed cover.
- g. After seeding is complete, the stockpiled trees will be scattered evenly over the disturbed areas. The access will be blocked to prevent vehicular access.
- h. The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed as described in the reclamation section. Enough topsoil will be kept to reclaim the remainder of the location at a future date. This remaining stockpile of topsoil will be seeded in place using the prescribed seed mixture.

11. Surface Ownership: Navajo Indian
Mineral Ownership: Federal

12. Other Information

There will be no change from the proposed drilling and/or workover program without prior approval from the District Manager. Safe drilling and operating practices must be used. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.2.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3164.

The dirt contractor will be provided with an approved copy of the surface use plan.

If subsurface cultural materials are exposed during construction, work in that spot will stop immediately and the San Juan Resource Area Office will be contacted. All people who are in the area will be informed by the operator/holder that they are subject to prosecution for disturbing archaeological sites or picking up artifacts. Salvage or excavation of identified archaeological sites will be done by a BLM approved archaeologist only if damage occurs.

This permit will be valid for a period of one year from the date of approval. After permit termination a new application will be filed for approval for any future operations.

Your contact with the District Office is: Greg Noble.
Office Phone: 801-259-6111 Address: P. O. Box 970, Moab, UT 84532.

Resource Area Manager's Address and contacts:
Address: P. O. Box 7, Monticello, UT 84535

Your contact is: Rich McClure
Office Phone: 801-587-2201

13. Lessee or Operator's Field Representative and Certification

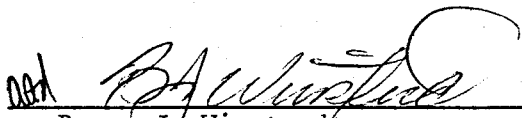
Meridian Oil Inc.
P. O. Box 1855
Billings, Montana 59103

1. Johnny L. Wright, Drilling Supt.	406-256-4175	406-252-2889
2. Rick Muncrief, Area Drilling Engineer	406-256-4155	406-245-9896
3. Barry Winstead, Sr. Drilling Engineer	406-256-4030	406-656-7521
4. John Pulley, Drilling Manager	406-256-4124	406-259-6156

O&G Order No. 1
42-5 Navajo
Page 10

CERTIFICATION:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct, and, that the work associated with the operations proposed herein will be performed by Meridian Oil Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.


Barry J. Winstead
Sr. Drilling Engineer

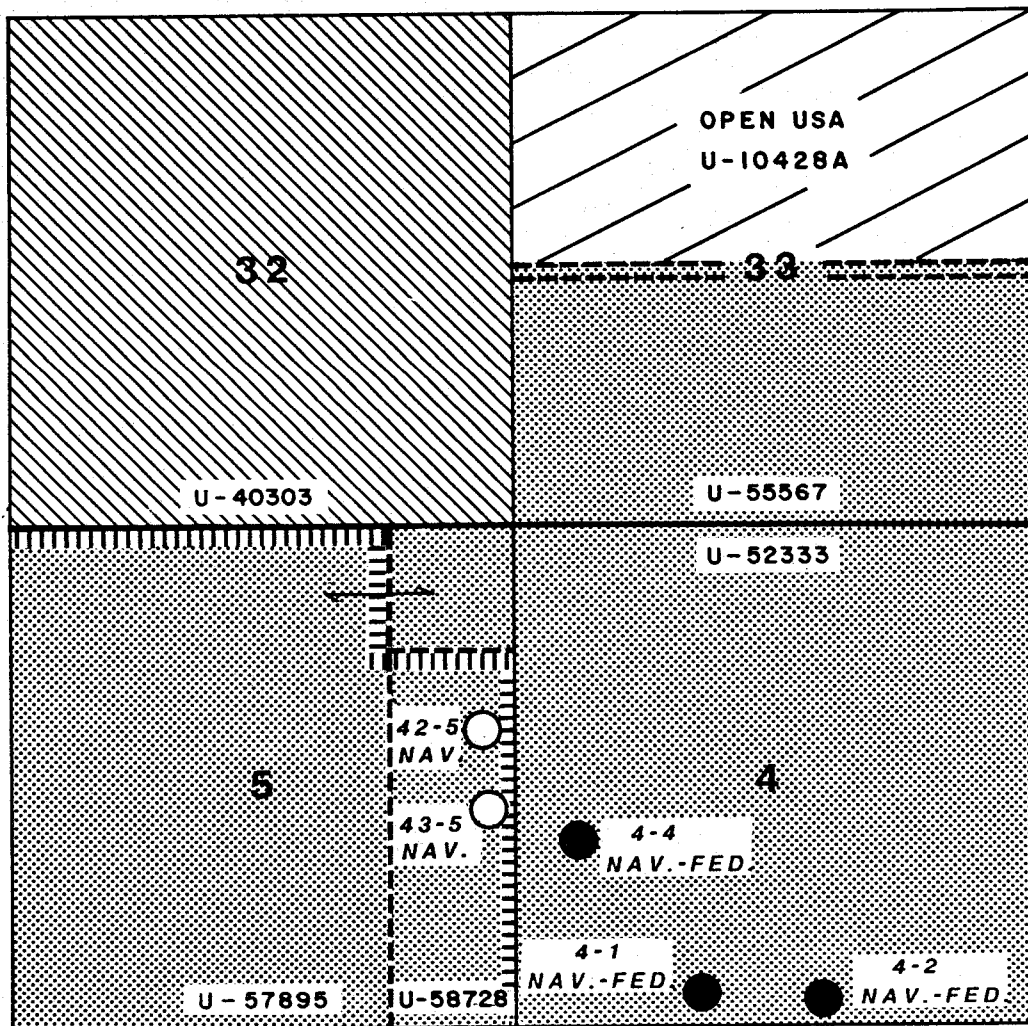
3-26-86
Date

ssn

EXHIBIT A

T
38
S

T
39
S



R 25 E

KEY: LEASEHOLD OWNERSHIP



MERIDIAN OIL INC. - 75%, BWAB 25%
(FEDERAL SERIAL NO. U-55567)
(FEDERAL SERIAL NO. U-52333)
(FEDERAL SERIAL NO. U-57895)
(FEDERAL SERIAL NO. U-58728)



OPEN USA - U-10428A



MARATHON OIL COMPANY (100%)
(FEDERAL SERIAL NO. U-40303)



INDIAN RESERVATION (SURFACE ONLY)



PROPOSED LOCATION - MOI. #42-5 NAV.
2130' FNL - 320' FEL



PROPOSED LOCATION - MOI. #43-5 NAV.
2290' FSL - 280' FEL
(FEDERAL SERIAL NO. U-58728)



EXISTING WELL - MOI. #4-1 NAV. FED.
370' FSL - 1940' FWL



EXISTING WELL - MOI. #4-2 NAV. FED.
300' FSL - 2225' FEL



EXISTING WELL - MOI. #4-4 NAV. FED.
1980' FSL - 660' FWL
(FEDERAL SERIAL NO. U-52333)

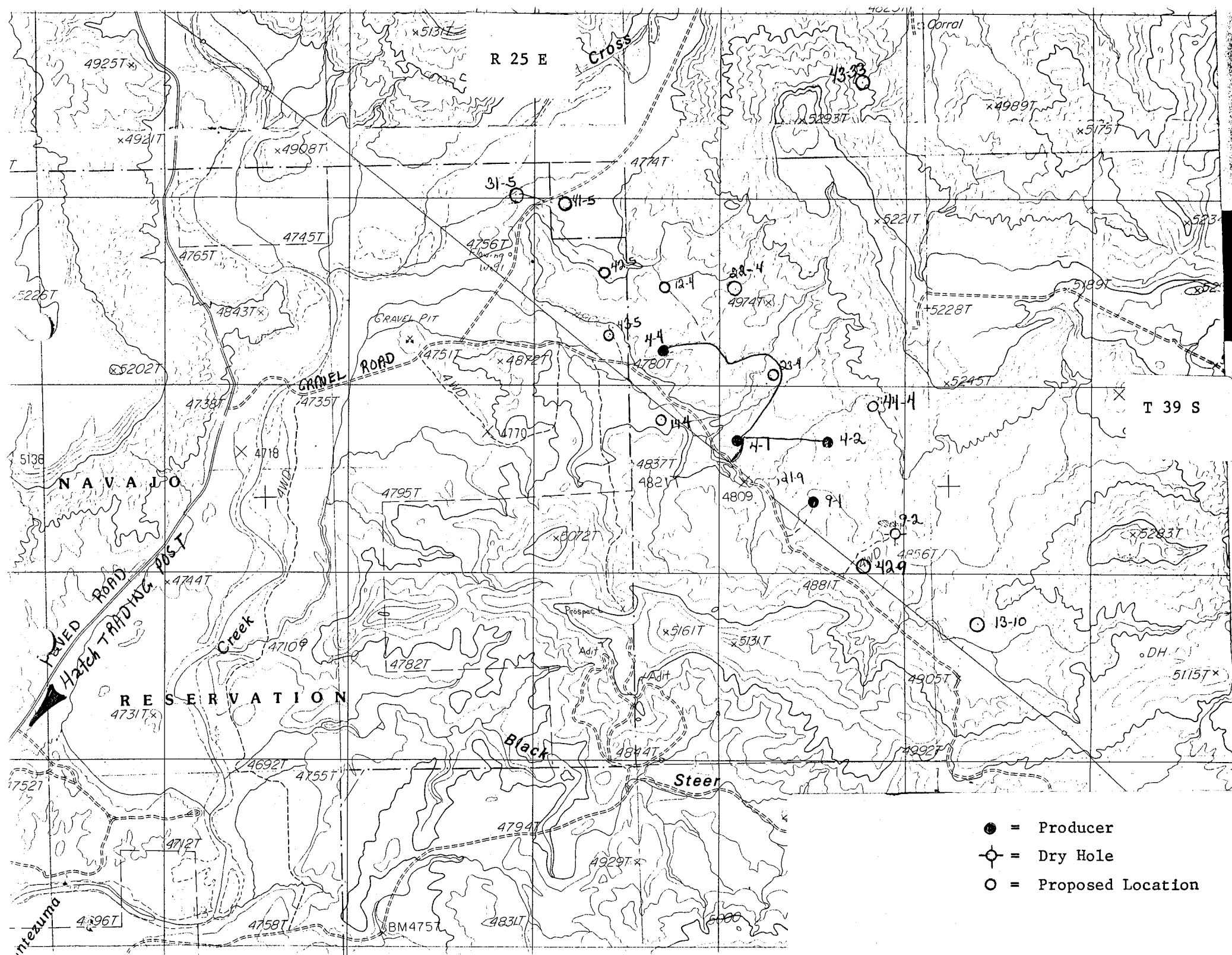
MERIDIAN OIL

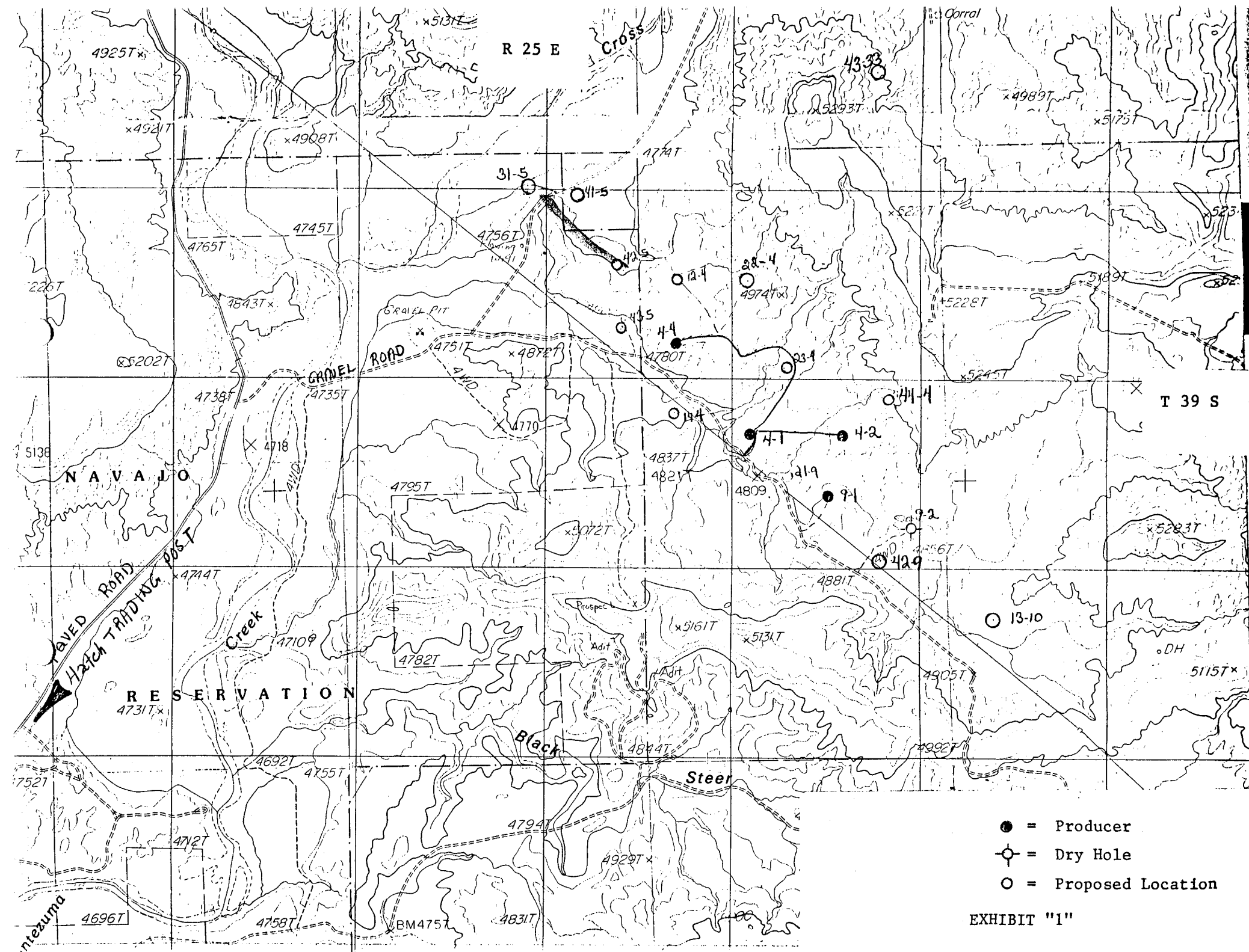
KIVA FIELD

T 39 S, R 25 E

SAN JUAN COUNTY, UTAH

SCALE: 1" = 2000'

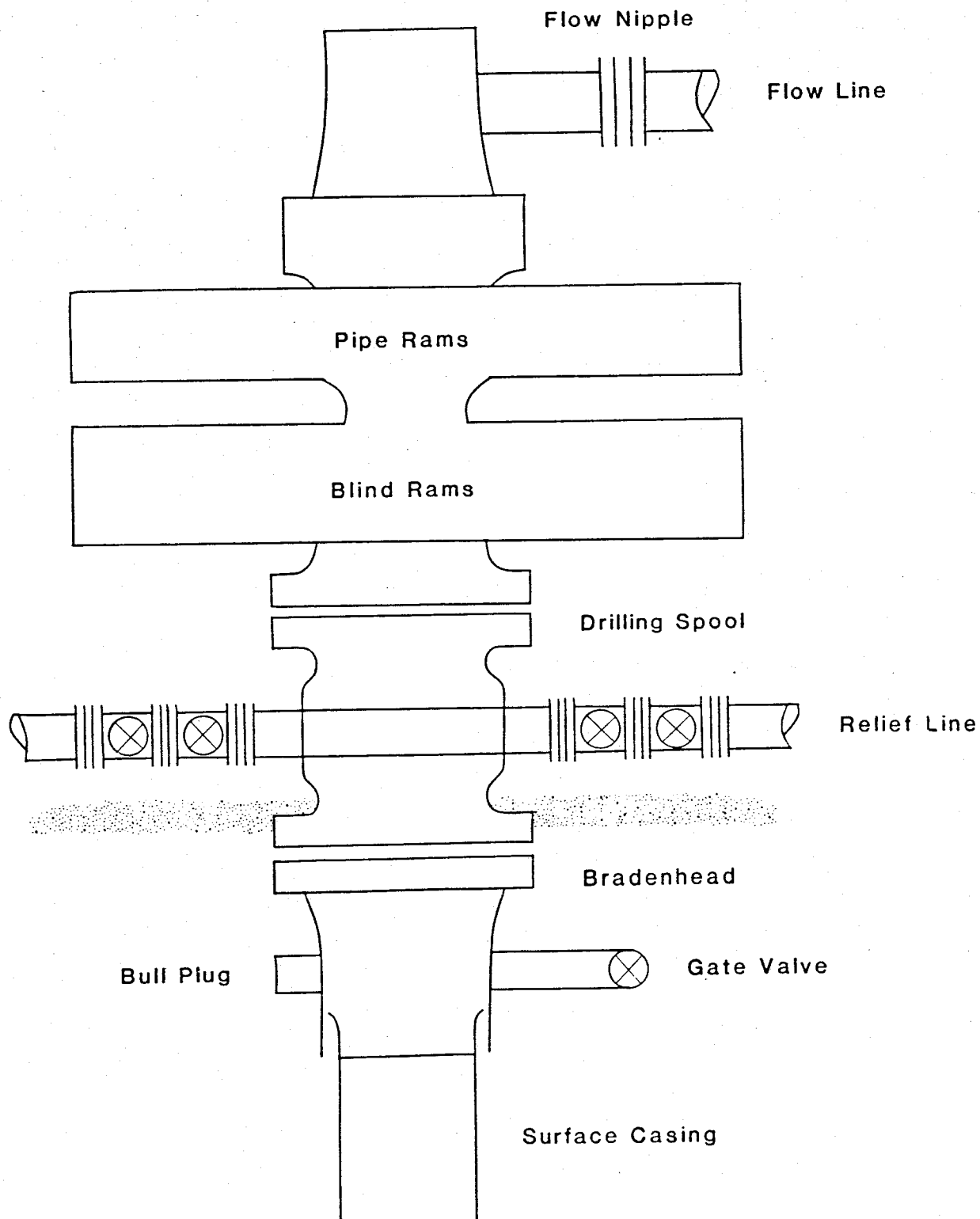




- = Producer
- ⊕ = Dry Hole
- = Proposed Location

EXHIBIT "1"

TYPICAL B.O.P. INSTALLATION



Series 900 Double Gate B.O.P.,
rated at 3000 psi Working Pressure.

When gas drilling operations begin a Shaffer type 50 or equivalent rotating head is installed on top of the flow nipple and the flow line is converted into a blowie line.

WELL PAD PLAN VIEW

42-5 NAVAJO



1" = 60'
2' contours

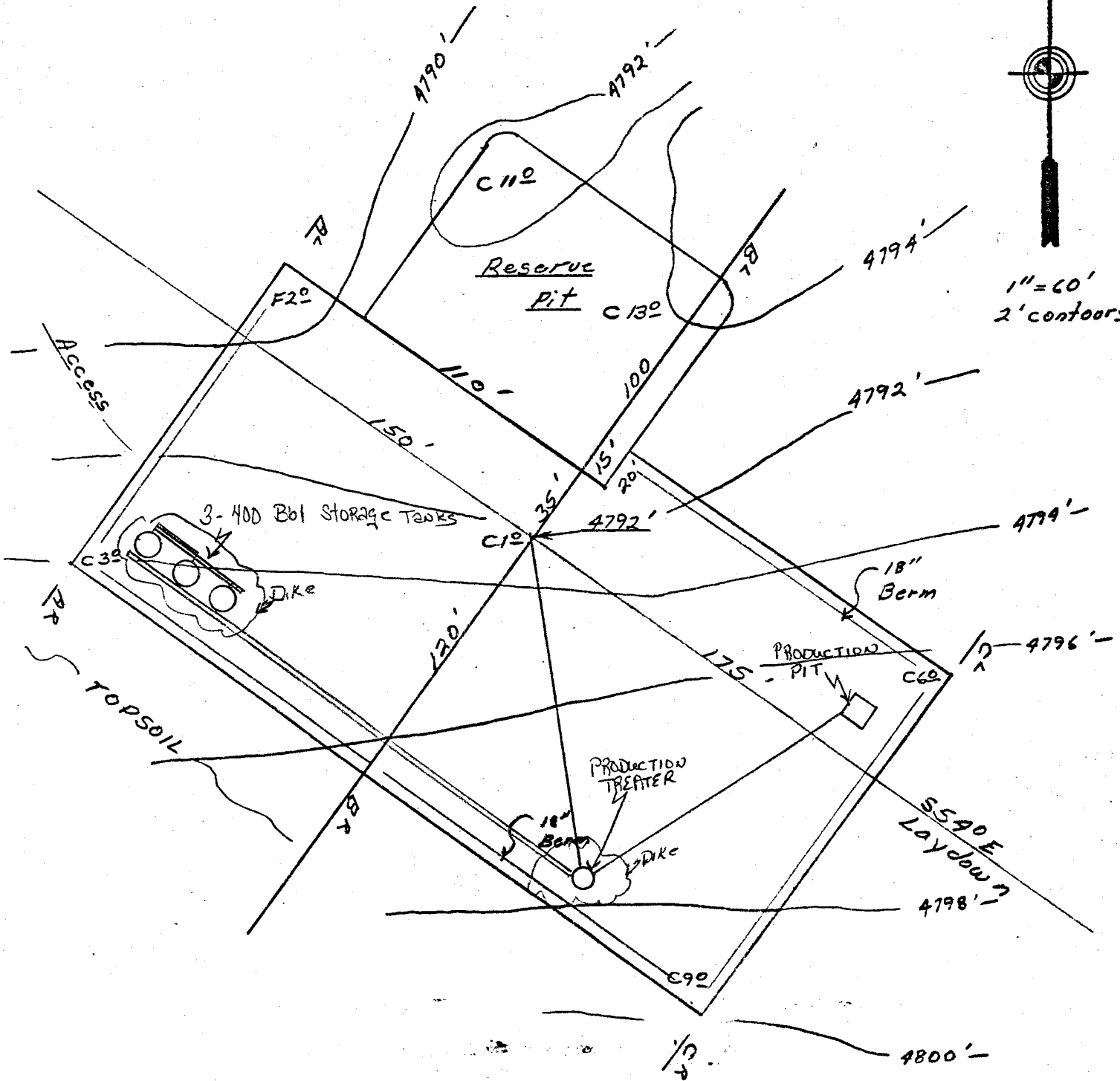
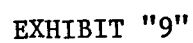



EXHIBIT "4"
Battery Layout

42-5 NAVAJO



WELL PAD CROSS-SECTION

42-5 NAVAJO

Cut /////
Fill 

Scales: 1" = 60' H.
1" = 30' V.

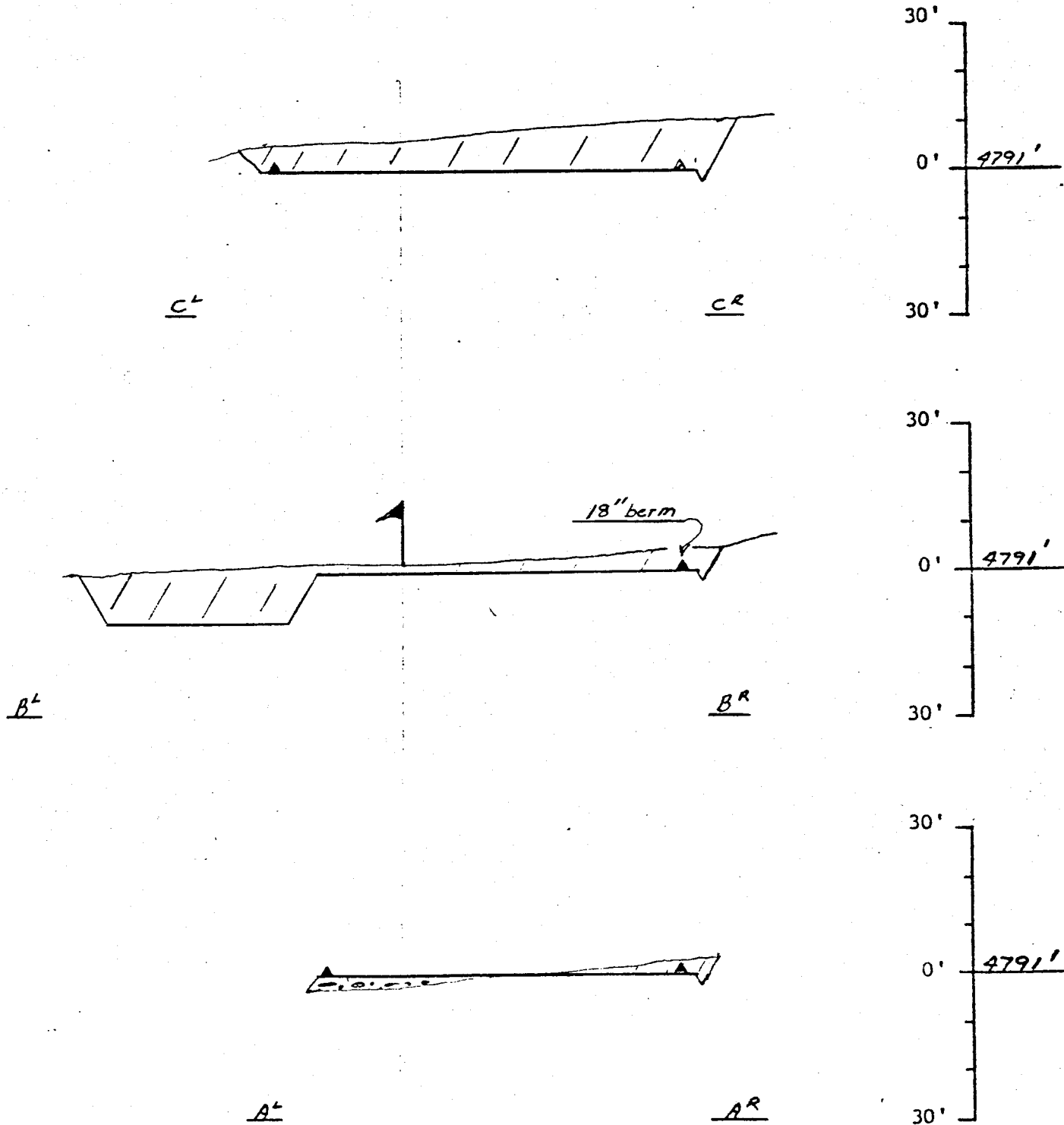


EXHIBIT "9.1"

MERIDIAN OIL

April 3, 1986

State of Utah Natural Resources
Oil, Gas and Mining
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attention: Arlene Sollis

Re: Request for Exception Locations
Section 5-39S-25E
San Juan County, Utah

RECEIVED
APR 07 1986

DIVISION OF
OIL, GAS & MINING

Gentlemen:

Meridian Oil Inc. requests the approval to drill two unorthodox locations in Section 5-39S-25E of San Juan County, Utah. The 42-5 Navajo location is staked 2130' FNL - 320' FEL and the 43-5 Navajo location is staked 2290' FSL - 280' FEL.

A lease ownership plat is attached as Exhibit "A". Meridian Oil Inc. owns 75% of the oil and gas leasehold working interest (Leases U-58728, U-52333 and U-57895) within a 660' radius of the proposed exception locations. BWAB Inc. owns the remaining 25% interest in Leases U-58728, U-52333 and U-57895 and is participating in the drilling of these wells. BWAB Inc. has been notified and is in agreement with these locations. No other offset owners are required to be notified since the offset acreage is owned by Meridian and BWAB Inc.

These exception locations are requested due to topographical reasons as per attached map.

Thank you for your consideration.

Sincerely,



Suzanne S. Nelson
Sr. Operations Technician

Attachments

ssn

cc: BWAB Inc. - Denver, CO
Cindy Crawley, Bill Mitchell - Meridian Oil, Denver District

1175N

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-58728
2. NAME OF OPERATOR MERIDIAN OIL INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo
3. ADDRESS OF OPERATOR P. O. Box 1855, Billings, MT 59103		7. UNIT AGREEMENT NAME --
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SENE (2130' FNL - 320' FEL)		8. FARM OR LEASE NAME Navajo
14. PERMIT NO.		9. WELL NO. 42-5
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4800' GL (graded)		10. FIELD AND POOL, OR WILDCAT Kiva
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 5-39S-25E
		12. COUNTY OR PARISH San Juan
		13. STATE Utah

18. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input checked="" type="checkbox"/> Federal Lease Number Change	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Location was originally staked 1930' FNL - 320' FEL. Due to topography and geology, resurveyed location 200' south (2130' FNL - 320' FEL).

Attached are revised survey plats, location layouts and cross-sections.

The Application for Permit to Drill was originally filed under incorrect Federal Lease Number U-57895.

Please change the Permit on file to read Lease Number U-58728. The revised total number of acres in lease should read 120 acres.

18. I hereby certify that the foregoing is true and correct

SIGNED

[Signature]

TITLE Sr. Operations Technician

DATE

4/3/86

(This space for Federal or State office use)

APPROVED BY

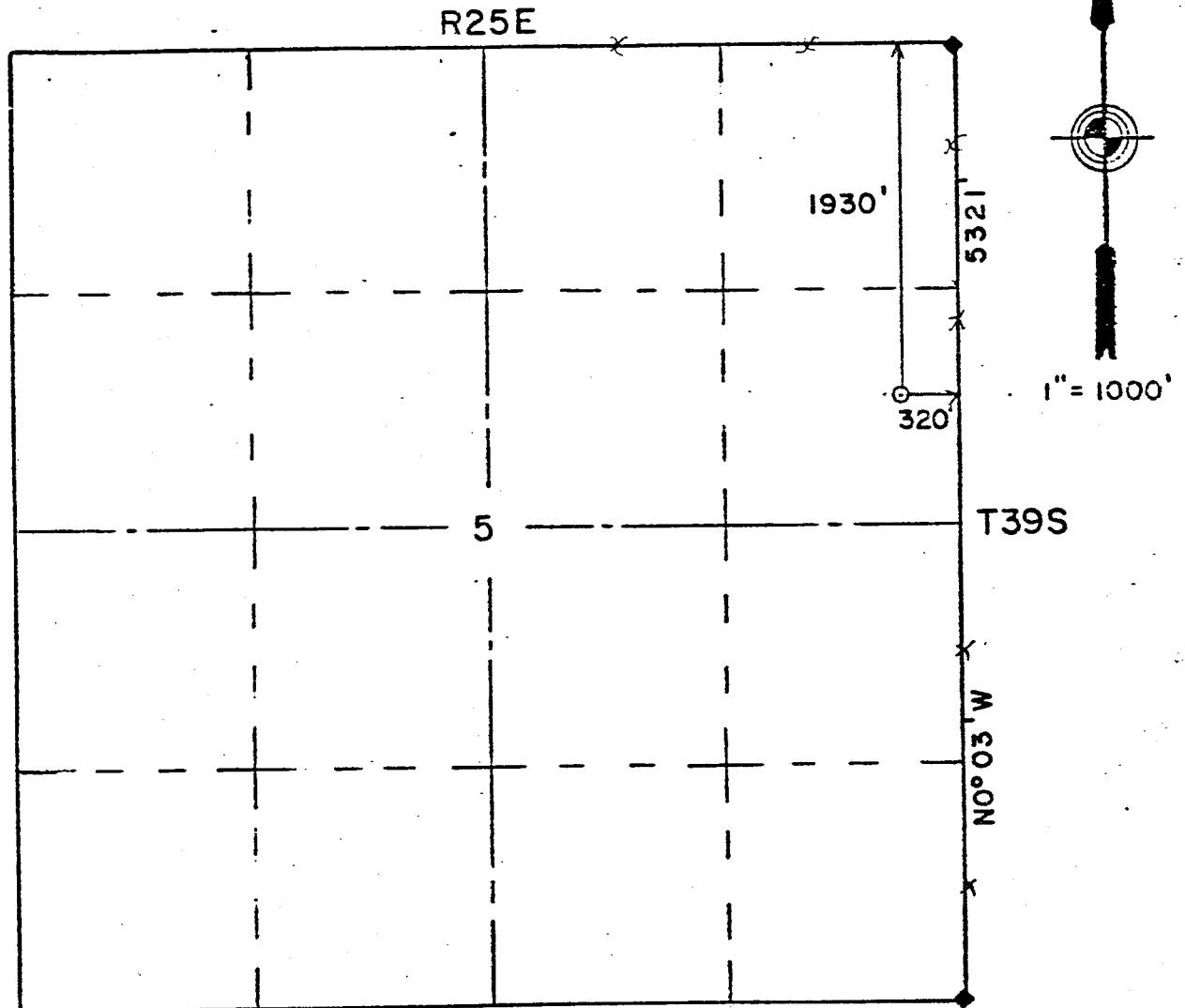
TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

WELL LOCATION PLAT



WELL LOCATION DESCRIPTION:

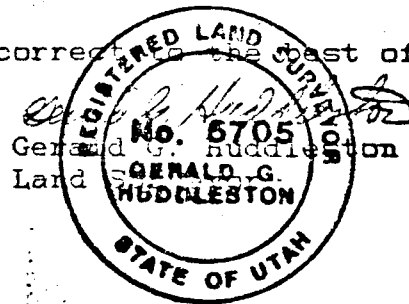
MERIDIAN OIL
42-5 NAVAJO
1930' FN & 320' FE
SECTION 5, T39S, R25E, SLM
SAN JUAN COUNTY, UTAH
GROUND ELEVATION 4792'

REFERENCES:

200' SOUTH 4800'
200' NORTH 4788'

13 MARCH 1986

The above plat is true and correct to the best of my knowledge and belief.



~~CONFIDENTIAL~~

072800

OPERATOR Meridian Oil Inc DATE 4-8-86

WELL NAME Naraj 42-5

SEC SENE 5 T 39S R 25E COUNTY San Juan

43-037-31261
API NUMBER

Fed
TYPE OF LEASE

CHECK OFF:

☒

PLAT

☒

BOND

☒

NEAREST
WELL

☒

LEASE

☒

FIELD

☒

POTASH OR
OIL SHALE

PROCESSING COMMENTS:

No other wells within 920'
Need water permit
Exception requested

APPROVAL LETTER:

SPACING: ☐ 203 _____ UNIT

☐ 302

☐

CAUSE NO. & DATE

☒

302.1

STIPULATIONS:

1- Water



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangertér, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

April 21, 1986

Meridian Oil Incorporated
P. O. Box 1855
Billings, Montana 59103

Gentlemen:

Re: Well Name: Navajo Federal 42-5 - SE NE Sec. 5, T. 39S, R. 25E
2130' FNL, 320' FEL - San Juan County, Utah

Approval to drill the referenced well is hereby granted in accordance with Rule 302.1, Oil and Gas Conservation General Rules, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water as required by Chapter 3, Title 73, Utah Code Annotated.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or R. J. Firth, Associate Director, (Home) 571-6068.
4. Compliance with the requirements and regulations of Rule 311.3, Associated Gas Flaring, Oil and Gas Conservation General Rules.

Page 2

Meridian Oil Incorporated

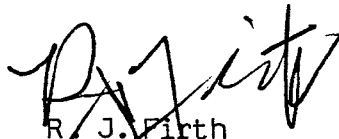
Well Name: Navajo Federal 42-5

April 21, 1986

5. Prior to commencement of the proposed drilling operations, plans for toilet facilities and the disposal of sanitary waste at each drill site shall be submitted to the local health department having jurisdiction. Any such drilling operations and any subsequent well operations must be conducted in accordance with applicable State and local health department regulations. A list of all local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 533-6163.
6. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-037-31261.

Sincerely,



R. J. Firth

Associate Director, Oil & Gas

as

Enclosures

cc: Branch of Fluid Minerals

D. R. Nielson

8159T

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR
MERIDIAN OIL INC.

3. ADDRESS OF OPERATOR
P. O. Box 1855, Billings, MT 59103

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface

SENE (1930' FNL - 320' FEL)

14. PERMIT NO.
43-037-31261

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4791' GL (graded)

5. LEASE DESIGNATION AND SERIAL NO.

U-58728

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Navajo

9. WELL NO.

42-5

10. FIELD AND POOL, OR WILDCAT

Kiva

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Section 5-39S-25E

12. COUNTY OR PARISH 13. STATE

San Juan

Utah

18. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Meridian Oil Inc. has permitted the #42-5 Navajo well to drill an 11" surface hole to a depth of 3300'. If the salt water flow (est @ 3030') in the DeChelly formation has not been encountered by 3300', Meridian proposes to set the 8-5/8" surface casing off bottom at +1600' and cement by the single-stage method circulating cement to surface. A basket cementing shoe assembly (diagram attached) will be utilized for cementing in this situation on the bottom of the 8-5/8" casing. The proposed method would be used only in the absence of the salt water flow and would protect surface fresh water sands at the alternate setting depth of +1600'. If 8-5/8" surface casing is set off bottom, the 5-1/2" production casing will be set at TD and cemented by the two-stage method with a stage collar placed at +3500'. The proposed second stage TOC would be +1200'. In the event the salt water flow is encountered, surface and production casing will be set and cemented as originally permitted.

19. I hereby certify that the foregoing is true and correct

SIGNED

A. Arnold Hall

TITLE Petroleum Engineer

DATE

5/15/86

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 5-23-86

BY: John R. Bays

Federal approval of this action
is required before commencing
operations.

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Bureau of Indian Affairs
Surface Management Stipulations
To Be Included in APD

Company Meridian Oil
Well# 42-S (2130' FWL 320' FEL)
Date of Inspection 3
Provided by Carlos Salazar

☒ STIPULATIONS CHECKED
APPLY

1. All above ground structures and equipment will be painted with the following non-glare color.

<u>Brown</u>	<u>Fed. Standard</u>	<u>595a - 30318</u>
<u>Green</u>	<u>Fed. Standard</u>	<u>595a - 34127</u>
<u>Gray</u>	<u>Fed. Standard</u>	<u>595a - 36357</u>
<input checked="" type="checkbox"/> <u>Sand</u>	<u>Fed. Standard</u>	<u>595a - 30277</u>
<u>Mobil Beige 12-F-38</u>		

2. Compacted areas will be plowed or ripped to a depth of 12 to 16 inches before reseeding. Seed will be drilled to a depth of .5 to .75 inch or broadcast and followed by a drag or packer. If broadcast, the recommended seed mix will be applied at 150% of the recommended rate. The following seed mix will be used.

<u>SPECIES</u>	<u>lbs./acre/PLS</u>
Crested Wheatgrass.....	<u>3</u>
Slender Wheatgrass	
Smooth Brome	
Orchardgrass	
Yellow Sweetclover	
Sainfoin	
Western Wheatgrass	
Sand Dropseed	
Alkali Sacaton	<u>1</u>
Indian Ricegrass	<u>2</u>
Galleta	
Needle-N-Thread	
Squirrel tail	
Side Oats Grama	
Four-Wing Saltbush.....	<u>2</u>
Shadscale	
Cliffrose	
Antelope Bitterbrush	
Timothy	
Winter-Fat	

(Purity x Germination = PLS)

3. ☒ The top 10 inches of soil will be salvaged, stockpiled, and stabilized ~~on the west side corner of the well pad and in~~ in the "L" corner of the well pad and reserve pit for use in revegetating the site.
4. Upon abandonment, the well pad will be fenced with a standard five-strand barb wire fence, or equivalent and will have no gates. The fence will be maintained for two years to allow for seeding establishment and will then be removed.

5. ✓ Access roads not needed for through traffic will be barricaded and reseeded in accordance with #2. Water bars will be constructed to the following specifications.

<u>% Slope</u>	<u>Slope Distance</u>
Less than 1%	300 feet
1% - 5%	200 feet
5% - 15%	100 feet
Greater than 15%	50 feet

6. ☒ An earthen berm (18 inches/~~feet~~ high) will be constructed around the perimeter of the well pad, except on the high/cut side of the well pad.
7. ___ The reserve pit will be lined to prevent seepage from occurring.
8. ___ The reserve pit will be constructed long and narrow (___ x ___ feet) so that the pit can be accommodated and any potential hazards reduced or eliminated.
9. ___ Immediately following drilling, the fluids of the reserve pit will be pumped and disposed of per BLM instructions. A sundry notice for this action is required by BLM.
10. ☒ Diversion ditch (es) will be constructed on the South side of the well pad above/below (circle one) the cut slope diverting any runoff to the west.
11. ___ The wash (es) will be diverted around the ___ side of the well pad.
12. ___ Culvert(s) of sufficient size will be placed on all drainage crossings of the access road determined necessary during the on-site inspection. _____
13. ☒ No production flowlines nor gas sales lines will be constructed until their right-of-ways/easements are inspected and approved by the surface management agency.
14. ___ Any flowline (s) (surface/subsurface) will be constructed paralleling new and existing road right-of-ways, except _____.
15. ___ The top ___ inches of soil of any subsurface flowline constructed will be rolled/scraped to one side of the bladed line and will be disturbed as little as possible during the actual construction. Immediately following installation, the roll of topsoil salvaged will be redistributed over the bladed line and will be reseeded in accordance with item# 2. In addition to this, all areas disturbed (including the replaced topsoil) will be imprinted with a land imprinter or sheep's foot type roller to create a pattern of small depressions to enhance vegetative regrowth. All drainages crossed by these line (s) will be restored, as near as possible, to their original form. Water bars will be constructed in accordance with item# 5.
16. ___ Fence (s) crossed by the access road will be braced and tied off before cutting of the wires to prevent slackening of the fencelines. Both a gate and cattleguard which must be BIA approved will be installed.

17. ☒ Storage tank (s) installed on the location will be surrounded by a dike of sufficient capacity to contain $1\frac{1}{2}$ times the storage capacity of the tank (s).
18. ☒ The stipulations set forth in the archeological clearance letter dated 6/25/84 will be strictly adhered to. Clearance No. BIA-N/70-LPHC-84-076
19. ☒ Upon abandonment, all material brought in to plate the surface of the well pad and/or the access road will be cleaned up and disposed of prior to re-seeding.
20. ☐ The construction work conducted at this location will need to be inspected before the drill rig is moved on the location.

ALL CHANGES/DEVIATIONS MADE FROM THE APPROVED APD MUST BE CLEARED AND APPROVED BY THE SURFACE MANAGEMENT AGENCY. THE SURFACE MANAGEMENT AGENCY CAN BE CONTACTED AT (505) 368-4316.

OTHER:

- 1) Water use Permit must be obtained from water Resources of the Navajo Tribe in Teecnospos, Arizona before Tribal waters can be used for drilling or any other purpose.
- 2) Reclamation will be in accordance with BIA requirements.
- 3) Woven wire instead of barb-wire will be used around the reserve pit.
- 4) Both the "A²" and "C²" corners will be rounded ^{off} to minimize the amount of cut.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

071707

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-58728	
2. NAME OF OPERATOR MERIDIAN OIL INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo	
3. ADDRESS OF OPERATOR P. O. Box 1855, Billings, MT 59103		7. UNIT AGREEMENT NAME --	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SENE (1930' FNL - 320' FEL)		8. FARM OR LEASE NAME Navajo	
14. PERMIT NO. 43-037-31261		9. WELL NO. 42-5	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4791' GL (graded)		10. FIELD AND POOL, OR WILDCAT Kiva	
		11. SEC. T. R. M., OR BLK. AND SURVEY OR AREA Section 5-39S-25E	
		12. COUNTY OR PARISH San Juan	
		13. STATE Utah	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other)

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Meridian Oil Inc. has permitted the 42-5 Navajo well to set the 13-3/8" casing at a depth of 80'.

The 13-3/8" casing will be set at a depth of 140'.

CONFIDENTIAL INFORMATION

18. I hereby certify that the foregoing is true and correct

SIGNED

A. Arnold Hall

TITLE Petroleum Engineer

DATE 7/11/86

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

Federal approval of this action
is required before commencing
operations.

TITLE

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

*See Instructions on Reverse Side

DATE: 7-15-86
BY: John R. Boy

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions re-
verse side)

090901

Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME --	
2. NAME OF OPERATOR MERIDIAN OIL INC.		8. FARM OR LEASE NAME Navajo	
3. ADDRESS OF OPERATOR P. O. Box 1855, Billings, MT 59103		9. WELL NO. 42-5	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface SENE (2130' FNL - 320' FEL)		10. FIELD AND POOL, OR WILDCAT Kiva	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 5-39S-25E	
14. PERMIT NO. 43-037-31241	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4800' GL (graded)	12. COUNTY OR PARISH San Juan	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>	(Other) <u>Federal Lease Number Change</u> <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Location was originally staked 1930' FNL - 320' FEL. Due to topography and geology, resurveyed location 200' south (2130' FNL - 320' FEL).

Attached are revised survey plats, location layouts and cross-sections.

The Application for Permit to Drill was originally filed under incorrect Federal Lease Number U-57895.

Please change the Permit on file to read Lease Number U-58728. The revised total number of acres in lease should read 120 acres.

RECEIVED
SEP 05 1986

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED Kenneth V. Rhea

TITLE Sr. Operations Technician

DATE 4/13/86

(This space for Federal or State office use)

APPROVED BY Kenneth V. Rhea

TITLE Acting DISTRICT MANAGER

DATE SEP 04 1986

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED

FLARING OR VENTING OF
GAS IS SUBJECT OF NTL 4-A
DATED 1/1/80

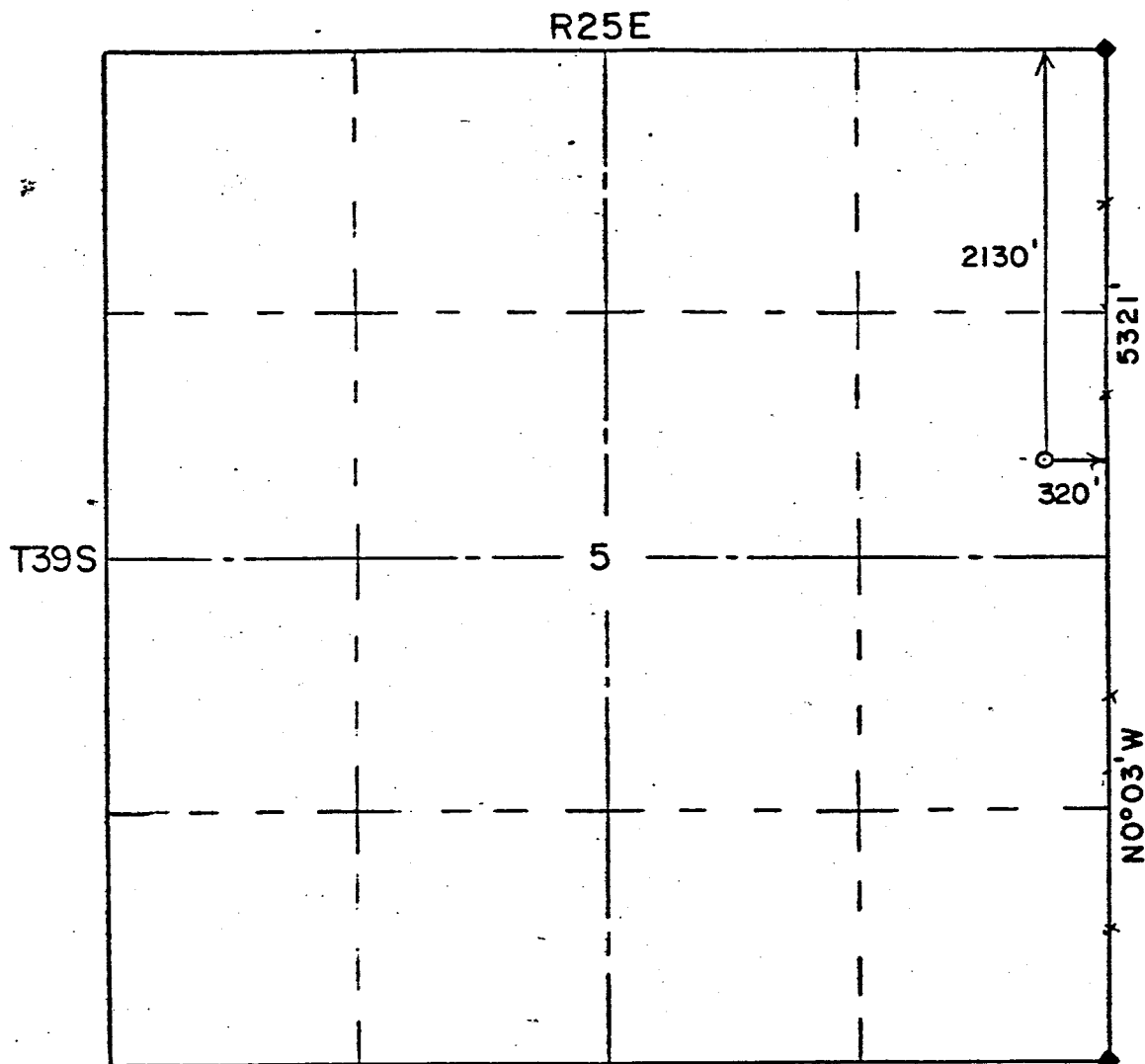
*See Instructions on Reverse Side

SUBJECT TO RIGHT OF WAY
APPROVAL

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Submittal DUGM

WELL LOCATION PLAT



WELL LOCATION DESCRIPTION:

MERIDIAN OIL
42-5 NAVAJO
2130'FN & 320'FE
SECTION 5, T39S, R25E, SLM
SAN JUAN COUNTY, UTAH
GROUND ELEVATION 4800'

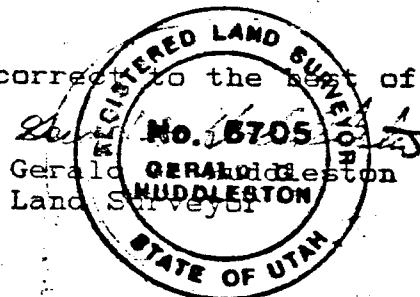
REFERENCES:

ALTERNATE

1930'FN & 320'FE
4792' GRD.

30 MARCH 1986

The above plat is true and correct to the best of my knowledge and belief.



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

092314

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR MERIDIAN OIL INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo
3. ADDRESS OF OPERATOR P. O. Box 1855, Billings, MT 59103		7. UNIT AGREEMENT NAME --
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SENE (2130' FNL - 320' FEL)		8. FARM OR LEASE NAME Navajo
14. PERMIT NO. 43-037-31261		9. WELL NO. 42-5
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4791' GL		10. FIELD AND POOL, OR WILDCAT Kiva
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 5-39S-25E
		12. COUNTY OR PARISH San Juan
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

Spud Report

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Exeter, Rig #68 spudded well @ 1:00 AM September 16, 1986.

CONFIDENTIAL INFORMATION

RECEIVED
SEP 18 1986

DIVISION OF
OIL, GAS & MINING

I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE Sr. Operations Technician DATE 9/16/86

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIP DATE*
(Other instructions on re-
verse side)

100703

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-58728	
2. NAME OF OPERATOR MERIDIAN OIL INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo	
3. ADDRESS OF OPERATOR P. O. Box 1855, Billings, MT 59103		7. UNIT AGREEMENT NAME --	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SENE (2130' FNL - 320' FEL)		8. FARM OR LEASE NAME Navajo	
14. PERMIT NO. 43-037-31261		9. WELL NO. 42-5	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4791' GL - 4811' KB		10. FIELD AND POOL, OR WILDCAT Kiva	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 5-39S-25E	
		12. COUNTY OR PARISH San Juan	
		13. STATE Utah	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Progress Report - Sept. 1986</u> <input checked="" type="checkbox"/>	
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Spud well @ 1:00 AM 9-16-86. Ran 4 jts 13-3/8" K-55 STC, 174' csg. RU Dowell & cmt'd w/170 sx D-917 Highearly W/3% S-1. Drill to 3,300', Ran 82 jts 8-5/8" K-55 24# & 32# csg to 3300'. Cmt w/250 sx DSLW-3, tail slurry 200 sx Class "B". Lead slurry, 350 sx DSLW-3, tail slurry 100 sx Class "B". WOC, NU, test blind ram & chk to 1500 psi. Test annular & pipe drill stage collar. TIH, test csg to 1500 psi. Drill to 5,475', Core #1, rec 60'. Drill to 5,549', core #2. Reached TD of 5,782' @ 1:30 PM 9-29-86. RU Schlumberger & log. Logging 9/30/86.

CONFIDENTIAL INFORMATION

RECEIVED
OCT 08 1986

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED Suzanne S. Nelson TITLE Sr. Operations Technician DATE 10/1/86

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

CORE LABORATORIES, INC.



November 4, 1986

MERIDIAN OIL INC.
5613 DTC Parkway
Englewood, Colorado 80111

File : 34020-12800
Subject: Core Analysis
Navajo Federal No. 42-5
San Juan County, Utah

Gentlemen:

The subject well was cored using diamond coring equipment and water base mud to obtain 4 inch diameter cores from 5475 to 5565 feet.

Core analysis data is presented in tabular and graphical form for your convenience. A porosity vs. permeability plot and porosity and permeability histograms were prepared for statistical evaluation.

We trust these data will be useful in the evaluation of your property and thank you for the opportunity of serving you.

Very truly yours,

CORE LABORATORIES, INC.

Chuck Devier

Chuck Devier
Laboratory Manager

CD/yn

121030

MERIDIAN OIL INC.
NAVAJO FEDERAL NO. 42-5 WELL
SAN JUAN COUNTY, UTAH

MERIDIAN OIL INC.
Navajo Federal No. 42-5
File No. 34020-12800
Procedural Page

The cores were preserved at the wellsite in saran and foil and transported to Oklahoma City by motor freight.

A Core Gamma Log was recorded for downhole E-log correlation.

Core analysis was made from intervals requested on full diameter samples.

Fluid removal was achieved using a Dean Stark extraction method.

Fluid saturations were determined by Dean Stark technique.

Gas expansion porosity and grain density were determined using Boyle's Law.

Air permeability was measured in two horizontal directions while the core was held in a Hassler rubber sleeve.

The core was boxed after the analysis and will remain at our Oklahoma City core storage facility (thirty days free of charge) as we await further disposition instructions.

CORE ANALYSIS REPORT
FOR
MERIDIAN OIL INC.
NAVAJO FEDERAL NO. 42-5 WELL
SAN JUAN COUNTY, UTAH

These analyses, opinions or interpretations are based on observations and materials supplied by the client to whom; and for whose exclusive and confidential use; this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. (all errors and omissions excepted); but Core Laboratories, Inc. and its officers and employees, assume no responsibility and make no warranty or representations, as to the productivity, proper operations, or profitableness of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.

CORE LABORATORIES, INC.

Company : MERIDIAN OIL INC.
 Well : NAVAJO FEDERAL NO. 42-5 WELL
 Location : 2130' FNL, 320' FEL, SEC. 4-39
 Co,State : SAN JUAN COUNTY, UTAH

Field :
 Formation :
 Coring Fluid : WATER BASE MUD
 Elevation :

File : 3402-12800
 Date : 10/28/86
 API No. :
 Analysts:

CORE ANALYSIS RESULTS

SAMPLE NUMBER	DEPTH ft	PERMEABILITY (HORIZONTAL) Kair md	PERMEABILITY (90 DEG) Kair md	POROSITY (HELIUM) %	RESIDUAL SATURATIONS		GRAIN DENSITY gm/cc	Description
					OIL %	WATER %		
1	5475.0- 76.0	**	28.0	21.4	17.1	31.5	2.86	DOL,BRN,ANHY
2	5476.0- 77.0	28.9	27.6	20.6	23.2	36.7	2.86	DOL,BRN,ANHY
3	5477.0- 78.0	13.4	12.5	17.8	22.6	32.5	2.84	DOL,BRN,ANHY
4	5478.0- 79.0	8.88	7.12	10.2	30.5	18.5	2.89	DOL,BRN,ANHY
5	5479.0- 80.0	2.11	2.03	11.9	29.4	26.6	2.88	DOL,BRN,ANHY
6	5480.0- 81.0	0.15	0.13	3.9	27.1	27.7	2.89	DOL,BRN,V/ANHY,FOSS
7	5481.0- 82.0	0.59	0.54	4.4	29.9	30.7	2.89	DOL,BRN,V/ANHY,FOSS
8	5482.0- 83.0	1.10	0.90	6.4	25.4	31.3	2.85	DOL,BRN,ANHY,FOSS
9	5483.0- 84.0	0.52	0.28	4.0	25.6	30.7	2.87	DOL,BRN,ANHY,SL/SH,FOSS
10	5484.0- 85.0	0.23	0.20	3.8	30.9	27.0	2.83	DOL,BRN,ANHY,SL/SH,FOSS
11	5485.0- 86.0	0.42	0.41	6.3	21.4	24.4	2.85	DOL,BRN,ANHY,SL/SH,FOSS
12	5486.0- 87.0	0.21	0.17	4.1	42.2	32.1	2.83	DOL,BRN,ANHY,SL/SH
13	5487.0- 88.0	3.17	3.12	13.0	25.4	22.0	2.91	DOL,BRN,V/ANHY
14	5488.0- 89.0	8.37	8.12	22.9	29.4	35.4	2.86	DOL,BRN,SL/ANHY
15	5489.0- 90.0	3.89	3.43	18.9	32.2	35.3	2.84	DOL,BRN,SL/ANHY
16	5490.0- 91.0	4.08	3.58	17.9	35.0	26.4	2.83	DOL,BRN,SL/ANHY
5491.0-5502.0 SHALE, LMY								
17	5502.0- 03.0	1.94	1.84	21.9	32.6	31.1	2.82	DOL,BRN-GRY,SL/LMY
18	5503.0- 04.0	0.95	0.82	8.5	34.3	21.8	2.80	DOL,BRN-GRY,SL/LMY,SL/SH
19	5504.0- 05.0	0.01	<0.01	1.2	0.0	94.0	2.77	LS,GRY,DOL,SL/ANHY
20	5505.0- 06.0	0.01	0.01	1.6	0.0	69.2	2.79	LS,GRY,DOL,SL/ANHY
21	5506.0- 07.0	0.01	0.01	1.7	0.0	56.8	2.77	LS,GRY,DOL,SL/ANHY
22	5507.0- 08.0	0.51	0.43	15.5	23.8	42.8	2.85	DOL,BRN,SL/ANHY,SL/SH
23	5508.0- 09.0	0.06	0.03	15.7	23.9	64.3	2.81	DOL,GRY,SL/ANHY,SL/SH,STY
24	5509.0- 10.0	0.01	0.01	16.5	27.7	52.7	2.80	DOL,GRY,SL/ANHY,SL/SH

CORE LABORATORIES, INC.

Company : MERIDIAN OIL INC.
Well : NAVAJO FEDERAL NO. 42-5 WELL

Field :
Formation :

File : 3402-12800
Date : 10/28/86

CORE ANALYSIS RESULTS

SAMPLE NUMBER	DEPTH ft	PERMEABILITY (HORIZONTAL) Kair md	PERMEABILITY (90 DEG) Kair md	POROSITY (HELIUM) %	RESIDUAL SATURATIONS		GRAIN DENSITY gm/cc	Description
					OIL %	WATER %		
25	5510.0- 11.0	3.79	1.06	17.6	26.4	35.7	2.84	DOL, GRY, SL/ANHY, SL/SH
26	5511.0- 12.0	<0.01	<0.01	1.8	1.7	53.5	2.77	LS, GRY, DOL, SH LAM, PP
27	5512.0- 13.0	0.36	0.34	5.7	18.9	28.4	2.79	LS, GRY, DOL, SH LAM, FOSS
28	5513.0- 14.0	5.23	2.80	9.3	18.6	22.8	2.77	LS, GRY, DOL, PP, FOSS
29	5514.0- 15.0	4.06	3.91	9.6	24.7	24.1	2.78	LS, GRY, DOL, PP, FOSS
30	5515.0- 16.0	2.04	1.58	6.7	21.2	30.2	2.79	LS, GRY, DOL, PP, FOSS
31	5516.0- 17.0	1.19	1.10	7.8	17.2	26.9	2.76	LS, GRY, SL/DOL, PP, FOSS
32	5517.0- 18.0	0.69	0.46	6.4	16.6	23.8	2.75	LS, GRY, SL/DOL, PP, FOSS
33	5518.0- 19.0	2.45	3.91	1.6	1.2	27.5	2.70	DOL, GRY, SL/SH, PP, FOSS
34	5519.0- 20.0	0.27	0.23	5.3	26.0	19.2	2.72	DOL, GRY, SL/SH, PP, FOSS
35	5520.0- 21.0	1.73	1.24	4.5	26.1	28.3	2.78	LS, GRY, DOL, PP, FOSS
36	5521.0- 22.0	4.34	3.45	6.4	13.4	22.3	2.76	LS, GRY, DOL, PP, FOSS
37	5522.0- 23.0	2.89	2.67	7.2	17.4	29.7	2.77	LS, GRY, DOL, PP, FOSS
38	5523.0- 24.0	16.4	14.9	20.7	16.7	41.5	2.88	DOL, BRN, ANHY
39	5524.0- 25.0	21.6	21.6	23.0	19.1	42.2	2.85	DOL, BRN, ANHY
40	5525.0- 26.0	**	15.0	22.3	20.8	37.1	2.84	DOL, BRN, ANHY
41	5526.0- 27.0	8.22	7.90	17.1	21.5	37.5	2.87	DOL, BRN, ANHY
42	5527.0- 28.0	6.26	3.97	8.1	27.1	19.6	2.78	LS, GRY, DOL, PP, FOSS
43	5528.0- 29.0	0.02	0.02	6.3	25.0	18.4	2.78	LS, GRY, DOL, PP, FOSS
44	5529.0- 30.0	3.48	1.33	5.4	24.6	28.4	2.90	LS, GRY, DOL, PP, FOSS
45	5530.0- 31.0	**	1.28	6.8	4.0	29.0	2.80	LS, GRY, DOL, PP, FOSS
46	5531.0- 32.0	0.90	0.60	6.4	17.3	20.0	2.77	LS, GRY, DOL, PP, FOSS
47	5532.0- 33.0	0.38	0.34	3.4	8.4	26.0	2.78	LS, GRY, DOL, PP, FOSS
48	5533.0- 34.0	0.30	0.27	3.2	7.1	22.8	2.78	LS, GRY, DOL, PP, FOSS
49	5534.0- 35.0	1.05	0.87	5.2	13.4	21.5	2.76	LS, GRY, DOL, PP, FOSS
50	5535.0- 36.0	0.66	0.02	2.0	24.5	47.2	2.84	DOL, GRY, V/ANHY, SL/LMY, FRAC
51	5536.0- 37.0	4.82	3.93	15.8	23.3	29.9	2.87	DOL, BRN, ANHY, PP
52	5537.0- 38.0	1.51	1.04	10.0	30.5	28.8	2.87	DOL, BRN, ANHY, PP
53	5538.0- 39.0	1.63	0.91	11.4	22.0	33.3	2.83	DOL, BRN, ANHY, PP, FRAC

C O R E L A B O R A T O R I E S , I N C .

Company : MERIDIAN OIL INC.
Well : NAVAJO FEDERAL NO. 42-5 WELL

Field :
Formation :

File : 3402-12800
Date : 10/28/86

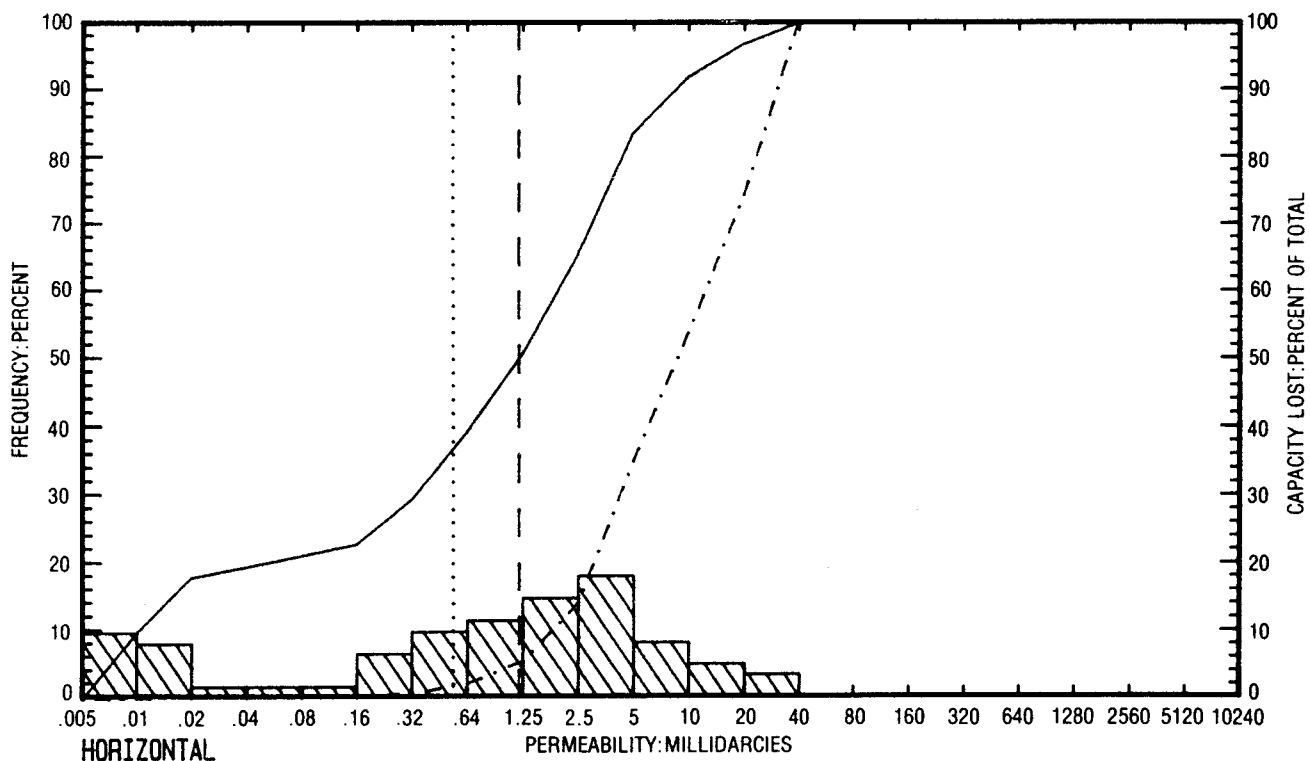
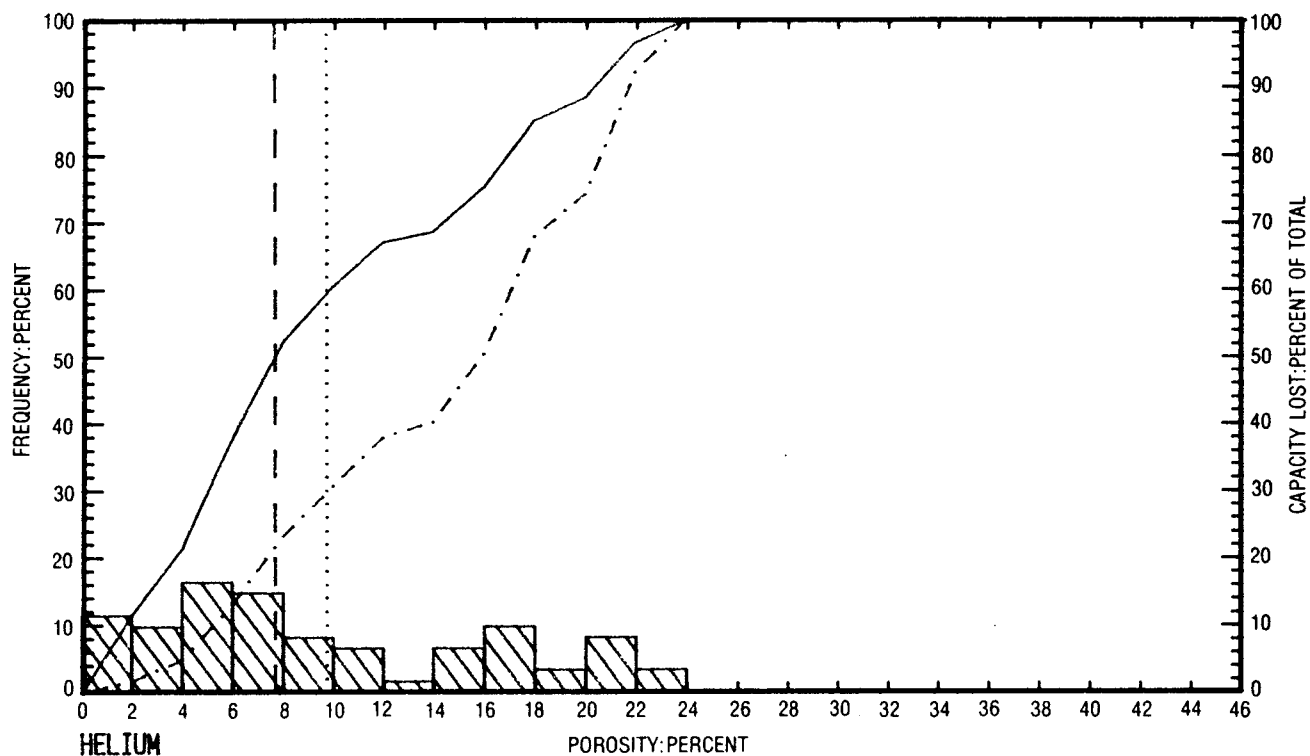
C O R E A N A L Y S I S R E S U L T S

SAMPLE NUMBER	DEPTH ft	PERMEABILITY (HORIZONTAL) Kair md	PERMEABILITY (90 DEG) Kair md	POROSITY (HELIUM) %	RESIDUAL SATURATIONS		GRAIN DENSITY gm/cc	Description
					OIL %	WATER %		
54	5539.0- 40.0	10.5	1.67	14.6	31.7	40.7	2.84	DOL,BRN,ANHY,PP
55	5540.0- 41.0	1.95	1.58	17.1	30.1	33.0	2.86	DOL,BRN,ANHY,PP
56	5541.0- 42.0	3.51	3.39	21.9	29.0	33.5	2.83	DOL,BRN,ANHY
57	5542.0- 43.0	3.16	3.12	21.4	37.1	28.5	2.83	DOL,BRN,ANHY
58	5543.0- 44.0	1.62	1.55	18.4	29.8	34.2	2.83	DOL,BRN,ANHY
59	5544.0- 45.0	<0.01	<0.01	8.9	0.0	74.8	2.79	LS,GRY,DOL,SL/SH,FOSS
60	5545.0- 46.0	<0.01	<0.01	5.6	0.0	69.8	2.77	LS,GRY,DOL,SL/SH,FOSS
61	5546.0- 47.0	<0.01	<0.01	4.6	0.0	61.1	2.75	LS,GRY,DOL,SL/SH,FOSS
62	5547.0- 48.0	<0.01	<0.01	2.6	0.0	72.3	2.72	LS,GRY,SH,FOSS
63	5548.0- 49.0	0.01	<0.01	1.0	0.0	36.8	2.72	LS,GRY,SH,FOSS
64	5549.0- 50.0	<0.01	<0.01	1.1	0.0	50.4	2.71	LS,GRY,SH,FOSS

5550.0-5565.0 SHALE,BLK,LMY

* UNSUITABLE FOR ANALYSIS

** Denotes Plug Permeability



PERMEABILITY AND POROSITY HISTOGRAMS

MERIDIAN OIL INC.
NAVAJO FEDERAL NO. 42-5 WELL

SAN JUAN COUNTY, UTAH
PAGE 4

LEGEND

ARITHMETIC MEAN POROSITY
GEOMETRIC MEAN PERMEABILITY
MEDIAN VALUE
CUMULATIVE FREQUENCY
CUMULATIVE CAPACITY LOST

STATISTICAL DATA FOR POROSITY AND PERMEABILITY HISTOGRAM

COMPANY: MERIDIAN OIL INC.
FIELD :
PAGE 4

WELL : NAVAJO FEDERAL NO. 42-5 WELL
COUNTY, STATE: SAN JUAN COUNTY, UTAH

AIR PERMEABILITY : MD. (HORIZONTAL) RANGE USED 0.000 TO 29.
POROSITY : PERCENT (HELIUM) RANGE USED 0.0 TO 46.0

(PERMEABILITY UNCORRECTED FOR SLIPPAGE)

DEPTH LIMITS (FEET) : 5475.0 - 5550.0 INTERVAL LENGTH : 75.0
FEET ANALYZED IN ZONE : 61.0 LITHOLOGY EXCLUDED : NONE

DATA SUMMARY

POROSITY AVERAGE	PERMEABILITY AVERAGES		
	ARITHMETIC	HARMONIC	GEOMETRIC
9.7	3.2	0.01	0.52

STATISTICAL DATA FOR POROSITY AND PERMEABILITY HISTOGRAM

COMPANY: MERIDIAN OIL INC.

FIELD :

PAGE 4

WELL : NAVAJO FEDERAL NO. 42-5 WELL
COUNTY, STATE: SAN JUAN COUNTY, UTAH

GROUPING BY POROSITY RANGES

<u>POROSITY RANGE</u>	<u>FEET IN RANGE</u>	<u>AVERAGE POROSITY</u>	<u>AVERAGE PERM. (GEOM.)</u>	<u>PERM. (ARITH)</u>	<u>FREQUENCY (PERCENT)</u>	<u>CUMULATIVE FREQUENCY (%)</u>
0.0 - 2.0	7.0	1.4	0.018	0.357	11.5	11.5
2.0 - 4.0	6.0	3.2	0.153	0.288	9.8	21.3
4.0 - 6.0	10.0	4.9	0.250	0.822	16.4	37.7
6.0 - 8.0	9.0	6.7	0.825	1.5	14.8	52.5
8.0 - 10.0	5.0	8.9	0.908	3.3	8.2	60.7
10.0 - 12.0	4.0	10.9	2.6	3.5	6.6	67.2
12.0 - 14.0	1.0	13.0	3.2	3.2	1.6	68.9
14.0 - 16.0	4.0	15.4	1.1	4.0	6.6	75.4
16.0 - 18.0	6.0	17.3	1.8	5.2	9.8	85.2
18.0 - 20.0	2.0	18.6	2.5	2.8	3.3	88.5
20.0 - 22.0	5.0	21.3	6.3	11.	8.2	96.7
22.0 - 24.0	2.0	23.0	13.	15.	3.3	100.0

TOTAL NUMBER OF FEET = 61.0

STATISTICAL DATA FOR POROSITY AND PERMEABILITY HISTOGRAM

COMPANY: MERIDIAN OIL INC.
FIELD :
PAGE 4

WELL : NAVAJO FEDERAL NO. 42-5 WELL
COUNTY, STATE: SAN JUAN COUNTY, UTAH

GROUPING BY PERMEABILITY RANGES

PERMEABILITY RANGE	FEET IN RANGE	AVERAGE PERM. (GEOM.)	AVERAGE PERM. (ARITH)	AVERAGE POROSITY	FREQUENCY (PERCENT)	CUMULATIVE FREQUENCY (%)
0.005 - 0.010	6.0	0.005	0.005	4.1	9.8	9.8
0.010 - 0.020	5.0	0.010	0.010	4.4	8.2	18.0
0.020 - 0.039	1.0	0.020	0.020	6.3	1.6	19.7
0.039 - 0.078	1.0	0.060	0.060	15.7	1.6	21.3
0.078 - 0.156	1.0	0.149	0.149	3.9	1.6	23.0
0.156 - 0.312	4.0	0.250	0.253	4.1	6.6	29.5
0.312 - 0.625	6.0	0.456	0.463	6.6	9.8	39.3
0.625 - 1.250	7.0	0.915	0.935	6.1	11.5	50.8
1.250 - 2.500	9.0	1.9	1.9	11.5	14.8	65.6
2.500 - 5.000	11.0	3.7	3.7	14.1	18.0	83.6
5.- 10.	5.0	7.2	7.4	13.5	8.2	91.8
10.- 20.	3.0	13.	13.	17.7	4.9	96.7
20.- 40.	2.0	25.	25.	21.8	3.3	100.0

TOTAL NUMBER OF FEET = 61.0

STATISTICAL DATA FOR POROSITY AND PERMEABILITY HISTOGRAM

COMPANY: MERIDIAN OIL INC.
FIELD :
PAGE 4

WELL : NAVAJO FEDERAL NO. 42-5 WELL
COUNTY, STATE: SAN JUAN COUNTY, UTAH

POROSITY-FEET OF STORAGE CAPACITY LOST FOR SELECTED POROSITY CUT OFF

POROSITY CUT OFF	FEET LOST	CAPACITY LOST (%)	FEET REMAINING	CAPACITY REMAINING (%)	ARTH MEAN	MEDIAN
0.0	0.0	0.0	61.0	100.0	9.7	7.7
2.0	7.0	1.7	54.0	98.3	0.0	8.8
4.0	13.0	4.9	48.0	95.1	0.0	10.0
6.0	23.0	13.1	38.0	86.9	0.0	14.0
8.0	32.0	23.2	29.0	76.8	0.0	16.2
10.0	37.0	30.7	24.0	69.3	0.0	17.0
12.0	41.0	38.0	20.0	62.0	0.0	17.7
14.0	42.0	40.2	19.0	59.8	0.0	17.8
16.0	46.0	50.5	15.0	49.5	0.0	19.5
18.0	52.0	68.1	9.0	31.9	0.0	21.0
20.0	54.0	74.3	7.0	25.7	0.0	21.4
22.0	59.0	92.3	2.0	7.7	0.0	23.0
24.0	61.0	100.0	0.0	0.0		

TOTAL STORAGE CAPACITY IN POROSITY-FEET = 593.8

STATISTICAL DATA FOR POROSITY AND PERMEABILITY HISTOGRAM

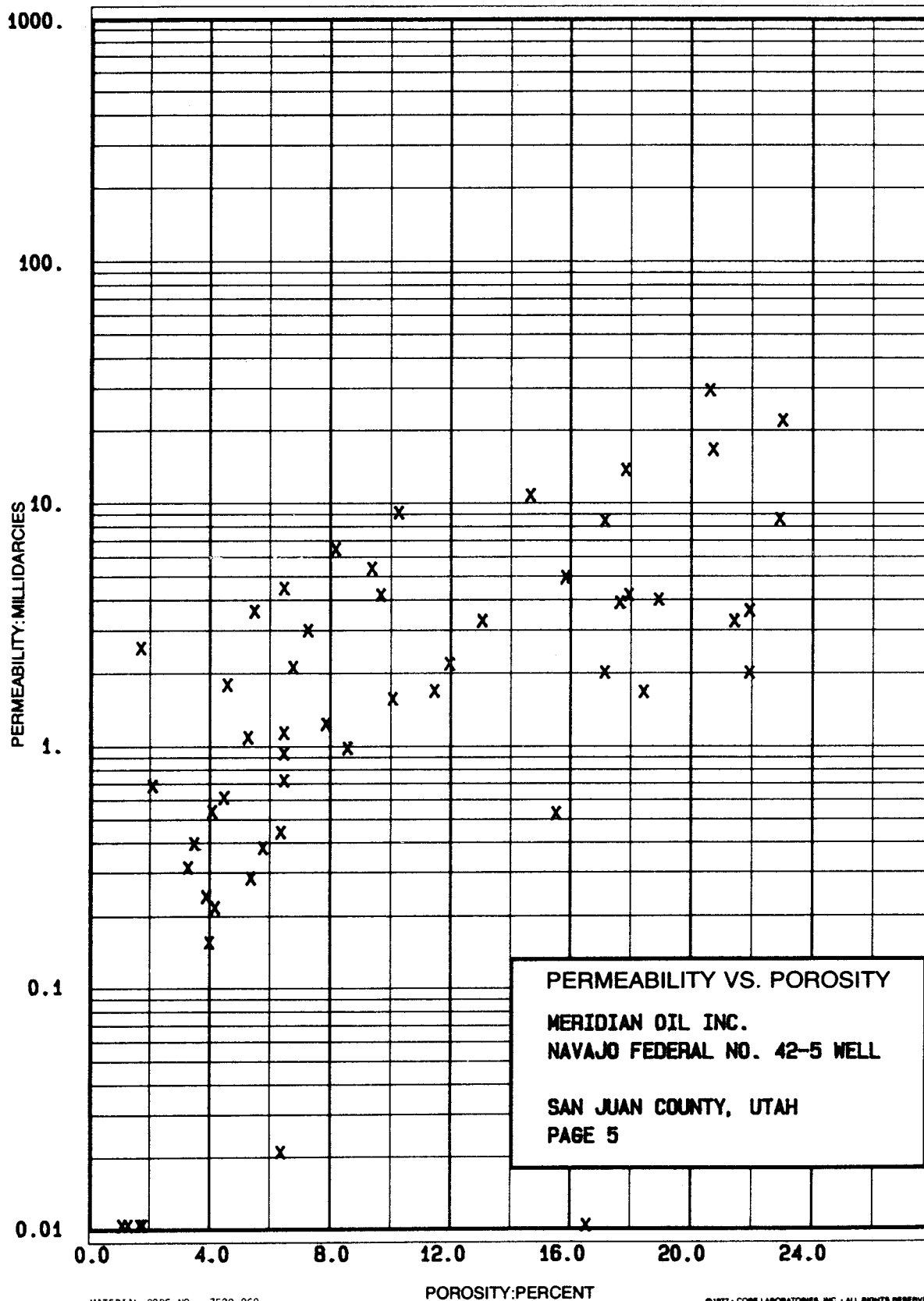
COMPANY: MERIDIAN OIL INC.
FIELD :
PAGE 4

WELL : NAVAJO FEDERAL NO. 42-5 WELL
COUNTY, STATE: SAN JUAN COUNTY, UTAH

MILLIDARCY-FEET OF FLOW CAPACITY LOST FOR SELECTED PERMEABILITY CUT OFF

PERMEABILITY CUT OFF	FEET LOST	CAPACITY LOST (%)	FEET REMAINING	CAPACITY REMAINING (%)	GEOM MEAN	MEDIAN
0.005	0.0	0.0	61.0	100.0	0.52	1.19
0.010	6.0	0.0	55.0	100.0	1.03	1.52
0.020	11.0	0.0	50.0	100.0	1.64	1.84
0.039	12.0	0.1	49.0	99.9	1.79	1.91
0.078	13.0	0.1	48.0	99.9	1.92	1.98
0.156	14.0	0.2	47.0	99.8	2.03	2.06
0.312	18.0	0.7	43.0	99.3	2.46	2.41
0.625	24.0	2.1	37.0	97.9	3.24	2.93
1.250	31.0	5.4	30.0	94.6	4.35	3.65
2.500	40.0	14.1	21.0	85.9	6.25	4.84
5.	51.0	35.0	10.0	65.0	11.12	10.00
10.	56.0	53.8	5.0	46.2	17.06	17.82
20.	59.0	74.3	2.0	25.7	24.98	28.28
40.	61.0	100.0	0.0	0.0		

TOTAL FLOW CAPACITY IN MILLIDARCY-FEET (ARITHMETIC) = 196.58



CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

PAGE NO. 1

PERMEABILITY VS POROSITY

COMPANY: MERIDIAN OIL INC.
FIELD :

WELL : NAVAJO FEDERAL NO. 42-5 WELL
COUNTY, STATE: SAN JUAN COUNTY, UTAH

AIR PERMEABILITY : MD - HORIZONTAL (UNCORRECTED FOR SLIPPAGE)
POROSITY : PERCENT (HELIUM)

DEPTH INTERVAL(FT)	RANGE & SYMBOL	PERMEABILITY		POROSITY		POROSITY AVERAGE	PERMEABILITY AVERAGES		
		MINIMUM	MAXIMUM	MIN.	MAX.		ARITHMETIC	HARMONIC	GEOMETRIC
5476.0 - 5550.0	1 (X)	0.001	28.9	1.0	23.0	9.7	3.2	0.01	0.52

LAB

CORE LABORATORIES, INC.

Petroleum Reservoir Engineering

COMPANY **MERIDIAN OIL INC.**
WELL **NAVAJO FEDERAL NO. 42-5 WELL**

FILE NO. **3402-12800**
DATE **10/28/86**

FIELD **SAN JUAN COUNTY** STATE **UTAH** FORMATION **WATER BASE MUD**
COUNTY **2130' FNL, 320' FEL, SEC. 4-39S-25E** DRLG. FLD.

ELEV.

LOCATION

CORES

CORRELATION COREGRAPH

These analyses, opinions or interpretations are based on observations and material supplied by the client for whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc., (in whole or in part) and its officers and employees, assume no responsibility and make no warranty or representations as to the productivity, proper operation, or profitability of any, oil, gas or other mineral well or land in connection with which such report is used or relied upon.

VERTICAL SCALE: 5450 5600

Total Water

PERCENT PORE SPACE

100 80 60 40 20 0

Gamma Ray

RADIATION INCREASE →

Permeability X 0.1

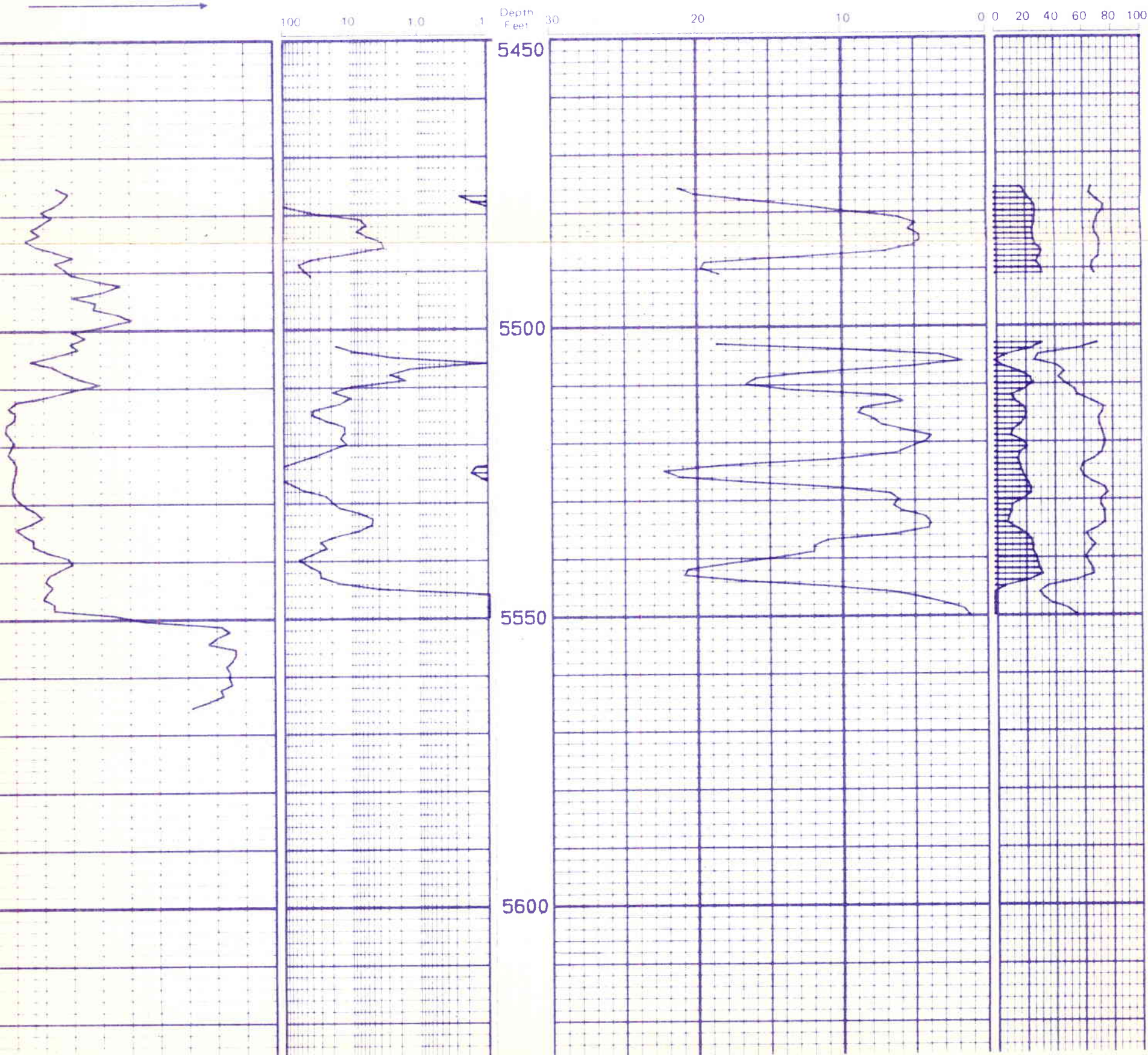
MILLIDARCIES

Porosity

PERCENT

Oil Saturation

PERCENT PORE SPACE



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

11-703
SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-58728
2. NAME OF OPERATOR MERIDIAN OIL INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo
3. ADDRESS OF OPERATOR P. O. Box 1855, Billings, MT 59103		7. UNIT AGREEMENT NAME N/A
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SENE (2130' FNL - 320' FEL)		8. FARM OR LEASE NAME Navajo
14. PERMIT NO. 43-037-31261		9. WELL NO. 42-5
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4811' KB		10. FIELD AND POOL, OR WILDCAT Kiva
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 5-39S-25E
		12. COUNTY OR PARISH San Juan
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) Progress Report - October 86	X

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Finished logging. Ran 142 jts J-55, STC, 8RD 5-1/2" 17# casing. Set @ 5781'. Cemented w/50 sx DS LW-3, 523 sx DS LW-3, tail in w/220 sx Class "B". Bumped plug w/1500 psi. Release rig @ 2:00 PM 10-1-86. MIRU Pool #723 October 9, 1986. RU Schlumberger and run CBL-VDL-GR-CCL from PBTD 5710' up to 2600'. Rerun from PBTD up to 5000' w/1000#. Good bond. Perforated U. Ismay (5544' - 5471') w/4 jsp. Acidize w/1600 gal 15% Hcl, 1470 gal Kcl. Swab test, recovered 65.5 BO, 41.3 BW/10 hrs. Acidize w/7500 gal 15% Hcl. Swab test, recovered 58.5 BO & 84 BWPD. Started flowing October 20, 1986. F 347 BO, 0 BW & 473 MCFGPD. Shut well in for pressure build-up October 23, 1986.

CONFIDENTIAL INFORMATION

18. I hereby certify that the foregoing is true and correct

SIGNED Sergio S. Nelson TITLE Sr. Operations Technician DATE 11/3/86

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-58728
2. NAME OF OPERATOR MERIDIAN OIL INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo
3. ADDRESS OF OPERATOR P. O. Box 1855, Billings, MT 59103		7. UNIT AGREEMENT NAME N/A
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface SENE (2130' FNL - 320' FEL)		8. FARM OR LEASE NAME Navajo
14. PERMIT NO. 43-037-31261		9. WELL NO. 42-5
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4811' KB		10. FIELD AND POOL, OR WILDCAT Kiva
		11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA Section 5-39S-25E
		12. COUNTY OR PARISH San Juan
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>
(Other) <input type="checkbox"/>	Flare Gas <input checked="" type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

72 hr well test, flowed 855 BO, 0 BW and 1047 MCFPD, 30/64" choke. Avg FTP 115 psi, GOR 1225:1.

Average - 285 BOPD, 0 BWPD, 349 MCFGPD. Avg GOR 1225:1.

Permission to produce the well and flare gas for a 60 day period is requested. Additional bottom hole pressure will be required to determine the extent of the reservoir after a draw down period.

CONFIDENTIAL INFORMATION

I hereby certify that the foregoing is true and correct

SIGNED W. L. Brown TITLE Production Superintendent DATE 11/13/86

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

Federal approval of this action
is required before commencing
operations

*See Instructions on Reverse Side

DATE: 12-1-86
BY: John R. Day



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

December 1, 1986

120306

Meridian Oil Inc.
P.O.Box 1855
Billings, MT 59103

Gentlemen:

RE: Request to Flare or Vent Associated Gas for Navajo Well
No. 42-5, Sec.5, T.39S, R.25E, San Juan County, Utah

The Division of Oil, Gas and Mining hereby grants approval of your sundry notice dated November 13, 1986, to flare associated gas from the referenced well. The approval shall allow associated gas to be flared or vented in excess of that allowed by Rule 311.3 of the Oil and Gas Conservation General Rules for the purposes of testing the well during the period extending until February 1, 1987.

Please note that this approval represents an administrative variance to Rule 311.3. The Division will inform the Board of Oil, Gas and Mining of the approval at the next regularly scheduled meeting to be held on December 4, 1986, during the informal Briefing Session. No Board action will be required at this time. Any additional request for flaring will require concurrence or approval of the Board.

It is also necessary to comply with federal regulations and the federal lease requirements concerning oil and gas operations. Therefore, you are advised to contact the appropriate federal agency and ensure that they do not object to the proposed gas flaring.

Please contact this office again if you have any further questions.

Best regards,

Dianne R. Nielson
Director

cc: R. J. Firth
J. R. Baza
Well file
0258T-55

MERIDIAN OIL

December 2, 1986

RECEIVED
DEC 05 1986

**DIVISION OF
OIL, GAS & MINING**

Utah Department of Natural Resources
Division of Oil, Gas and Mining
4241 State Office Building
Salt Lake City, UT 84114

Attn: Mr. Ron Firth

Gentlemen:

Enclosed for your records are logs and other pertinent information on the following Meridian Oil Inc. wells:

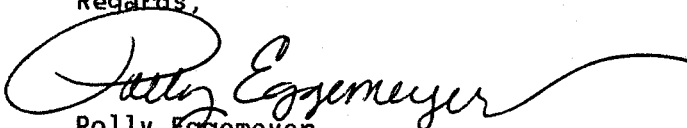
Havasu Federal 41-24
San Juan County, Utah
24-38S-23E
API # 43-037-31279

Havasu Federal 22-19
San Juan County, Utah
19-38S-24E
API # 43-037-31278

Navajo Federal 42-5
San Juan County, Utah
5-39S-25E
API # 43-037-31261

Please hold this information confidential. If any additional information is required, please do not hesitate to contact us.

Regards,


Polly Eggemeyer
Exploration Secretary

pse

cc: Well File
C. L. Crawley

TRANSMITTAL LETTER

CONFIDENTIAL

RECORD OF SHIPMENT OF CONFIDENTIAL INFORMATION

TO: Utah Dept. of Natural Resources
Division of Oil, Gas and Mining
4241 State Office Building
Salt Lake City, UT 84114
Attn: Mr. Ron Firth

FROM: C. L. Crawley

Name

Sr. Staff Geologist

Title

DATE: December 2, 1986

VIA: Mail

RE: All information pertains to the Navajo Federal 42-5, San Juan Co.,
Utah, 5-39S-25E / API 43-037-31261.

QUANTITY	DESCRIPTION
1	Dual Laterolog - MSFL - GR / Run #1
1	Borehole Compensated Sonic - GR / Run #1
1	Synthetic Microlog / Run #1
1	Lithodensity-Compensated Neutron / Run #1
1	Directional Survey / Run #1
1	Terra Services - Mud Log
1	Corelab - Core Report

INSTRUCTIONS: Please acknowledge receipt promptly by signing and returning the copy.

RECEIVED BY: _____ DATE: _____

REMARKS : All information pertains to the Navajo Federal 42-5, San Juan Co.,
Utah, 5-39S-25E / API 43-037-31261.

RECORD OF SHIPMENT OF CONFIDENTIAL INFORMATION

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other In-
structions on
reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input type="checkbox"/>	Other		
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. REVR. <input type="checkbox"/>	
2. NAME OF OPERATOR MERIDIAN OIL INC.							
3. ADDRESS OF OPERATOR P. O. Box 1855, Billings, MT 59103							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface SENE (2130' FNL - 320' FEL) At top prod. interval reported below Same At total depth Same							
14. PERMIT NO.		DATE ISSUED		12. COUNTY OR PARISH		13. STATE	
43-037-31261		4-21-86		San Juan		Utah	
15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (DF, RKB, RT, GE, ETC.)*		19. ELEV. CASINGHEAD	
9-16-86	9-29-86	10-20-86		4791' GL		4811' KB	
20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY	
5782'		5710'		N/A		X	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5544' - 5471' (Upper Ismay)						25. WAS DIRECTIONAL SURVEY MADE Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN DLL/MSFL, CNL/LDT, Sonic, mud						27. WAS WELL CORED Yes	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED	
13-3/8	61#	130'	17-1/2	170 SX		None	
8-5/8	24 & 32#	3,300'	11	500 SX		None	
5-1/2	17#	5,781'	7-7/8	573 SX		None	
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A					2-7/8	5710'	-
31. PERFORATION RECORD (Interval, size and number) 5544' - 5471' w/4 jspf				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH (INTERVAL (MD))		AMOUNT AND KIND OF MATERIAL USED	
				5544' - 5471'		9100 gal 15% Hcl	
33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
10-20-86		Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10-20-86	24	36/64"	→	220	308	0	1400:1
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
100 psi	-	→	220	308	0	40.2° @ 60°F/	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Flaring						TEST WITNESSED BY Dave Overgaard	
35. LIST OF ATTACHMENTS							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED		TITLE			DATE		
B. J. Justice		Sr. Drilling Engineer			11/21/86		

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			N/A	Hermosa U. Ismay U. Ismay Ø "A" Shale L. Ismay Gothic Desert Creek Desert Creek Ø Chimney Rock Akah	4430' 5420' 5480' 5550' 5580' 5630' 5660' 5710' 5730' 5750'	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIP
(Other instruction
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-58728

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME

Navajo

9. WELL NO.

42-5

10. FIELD AND POOL, OR WILDCAT

Kiva

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Section 5-39S-25E

12. COUNTY OR PARISH 13. STATE

San Juan

UT

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Meridian Oil Inc.

3. ADDRESS OF OPERATOR

P.O. Box 1855, Billings, MT 59103

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface

SENE (2130' FNL - 320' FEL)

14. PERMIT NO.

43-037-31261

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4811' KB

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

Lay 3" Gas Sales Line

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Meridian Oil Inc. requests permission to lay a 3" diameter gas sales line across the SENE Section 5-T39S-R25E to tie into Koch's gas line that they are laying. This proposed line will be placed in the right-of-way of the access road to the 42-5 location. The line will have a minimum of 30" of cover. Gas will be measured on location to insure proper sales volumes for royalty & revenue interest distributions. Gas sales will be reported on the monthly report of production.

CONFIDENTIAL

18. I hereby certify that the foregoing is true and correct

SIGNED

(W.G. Brown)

TITLE Production Superintendent

DATE January 9, 1987

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

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2. NAME OF OPERATOR MERIDIAN OIL INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo 052110	
3. ADDRESS OF OPERATOR P. O. Box 1855, Billings, MT 59103		7. UNIT AGREEMENT NAME N/A	
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		9. WELL NO. 42-5	
		10. FIELD AND POOL, OR WILDCAT Kiva	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 5-39S-25E	
14. PERMIT NO. 43-037-31261	15. ELEVATIONS (Show whether DF, RT, OR, etc.) 4811' KB	12. COUNTY OR PARISH San Juan	13. STATE Utah

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FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>NTL-4A</u>	<input checked="" type="checkbox"/>
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Negotiations are in progress with Koch Pipeline to connect this well to the gas sales line. Permission to flare produced gas until the sales line is connected and after connection on an emergency basis is requested.

RECEIVED
MAY 06 1987

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED W. G. Brown TITLE Production Superintendent DATE 5-4-87

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

052202

May 19, 1987

Meridian Oil Inc.
P.O.Box 1855
Billings, MT 59103

Gentlemen:

Re: Requests for Gas Flaring

The Division of Oil, Gas and Mining has received three sundry notices dated May 5, 1987, requesting approval to flare or vent gas from wells in the Kiva Field, San Juan County, Utah. The Division has determined that gas flaring from the subject wells can only be allowed as stated in Rule 311.3 of the Oil and Gas Conservation General Rules. Any gas flaring in excess of the rule must be considered by the Board of Oil, Gas and Mining.

After consultation with staff of the U. S. Bureau of Land Management in Moab, Utah, the Division has established its determinations regarding the referenced gas flaring. The Division's position concerning the three submitted sundry notices is discussed in the following paragraphs.

Navajo Well No. 42-5:

By letter dated December 1, 1986, the Division approved temporary gas flaring from the well until February 1, 1987. This approval was reviewed with the Board and it was stipulated in the approval that any additional requests for flaring must be presented to the Board for approval. Rule 311.3 allows for venting or flaring up to 25 Mcf of gas per day without approval. The Division has determined that this amount is appropriate for the well and you are advised to present the matter to the Board if you desire further relief.

Navajo-Federal Well No. 23-4:

Your request indicates that the average daily amount to be flared is 15.7 Mcf of gas per day. Again, in accordance with Rule 311.3, no approval is required for venting or flaring up to 25 Mcf of gas per day. Therefore, no action by the Division is necessary for this well. If you desire to flare additional volumes of gas, you are advised to present such request to the Board.

Page 2
Meridian Oil Inc.
May 19, 1987

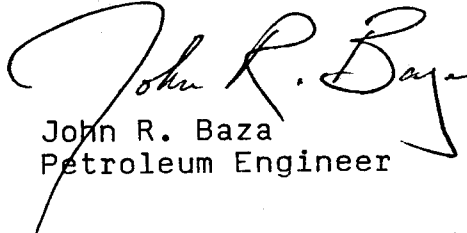
Kiva Central Storage Facility:

It is the opinion of the Division that central production batteries should not be allowed to flare any more gas than would be allowed for the each of the individual wells which are connected to the battery. In this case, it appears from Division records that four separately producing wells are connected to the storage facility; therefore, according to Rule 311.3, each well may vent or flare up to 25 Mcf of gas per day or the flaring may occur at the storage facility up to 100 Mcf per day (four times 25 Mcf per day). Please note that flaring may not be conducted at both the wells and the storage facility in excess of the 25 Mcf per day per well limit. Additional flaring above these limits again must be presented to the Board.

It is also necessary to comply with federal regulations and the federal lease requirements concerning oil and gas operations. Therefore, you are advised to contact the appropriate federal agency and ensure that they do not object to the proposed gas flaring.

Please do not hesitate to contact this office if you have any additional questions. Thank you for your consideration in this matter.

Sincerely,



John R. Baza
Petroleum Engineer

cc: D. R. Nielson
R. J. Firth
✓ Well files
0314T-32-33

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
MAY 6 1988
IN TRIPPLICATE
Instructions on re-

8
Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985
DESIGNATION AND SERIAL NO.
8-58728

SUNDRY NOTICES AND REPORTS ON WELLS DIVISION OF
OIL, GAS & MINING

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo
2. NAME OF OPERATOR Meridian Oil Inc.		7. UNIT AGREEMENT NAME N/A
3. ADDRESS OF OPERATOR P.O. Box 1855, Billings, MT 59103		8. FARM OR LEASE NAME Navajo
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SENE (2130' FNL - 320' FEL)		9. WELL NO. 42-5
14. PERMIT NO. 43-037-31261		10. FIELD AND POOL, OR WILDCAT Kiva
15. ELEVATIONS (Show whether DP, RT, GR, etc.) 4811' KB		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 5-39S-25E
		12. COUNTY OR PARISH San Juan
		13. STATE UT

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Shut well in on 4-9-88. Acidized Ismay formation (5471'-5544') with 8000 gallons 15% HCL. Returned well to production on 4-14-88.

I hereby certify that the foregoing is true and correct

SIGNED <u>Ron Schuyler</u>	TITLE <u>Production Engineer</u>	DATE <u>5-3-88</u>
(This space for Federal or State office use)		
APPROVED BY _____	TITLE _____	DATE _____
CONDITIONS OF APPROVAL, IF ANY:		

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MIT IN TRIPLICATE
FORM APPROVED
Budget Bureau No. 1004-0135
Expires September 30, 1990

5. Lease Designation and Serial No.
83687U6890

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or re-entry to a different reservoir. Use "Application for Permit: for such proposals.

1. Type of Well
Oil ☒ Gas ☐ Other ☐
2. Name of Operator
Meridian Oil Inc.
3. Address and Telephone No.
5613 DTC Parkway, Englewood, CO 80111 (303) 930-9300
4. Location of Well (Footage, Sec., T.R.M. or Survey Description)
SENE 2130' FNL - 320' FEL
Sec. 5, T39S, R25E

6. If Indian, Allottee or Tribe Name
7. If Unit or CA, Agreement Designation
8. Well Name and No.
Navajo Federal 42-5
9. API Well No.
43-037-31261
10. Field and Pool, Exploratory Area
Kiva Upper Ismay
11. County or Parish, State
San Juan, Utah

12. CHECK APPROPRIATE BOX (S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other
	Acid Frac Producer
	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection

13. Described Proposed or Completed Operations (Clearly state all pertinent details and give pertinent dates including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depth markers and zones pertinent to this work.)*

Completed operations 11/19/92 to 11/26/92

- Pickle tbg with 700 gals DAD acid.
- Acidize Ismay Perfs 5471 - 5541 through SAP tool in 2' intervals with 50 gals/ft DAD acid.
- Acid frac Ismay down 3 1/2" tbg with 15,000 gals 28% DGA followed by 100,000 gals WF-140 and 60,000 gals 28% SXE in four stages. Avg. rate: 20 BPM Avg. P: 5800 PSI. ISIP: 2890 PSI. SIFN.
- RWTP.

14. I hereby certify that the foregoing is true and correct.

Signed Karen F. Riley Title Sr. Production Engineer Date January 27, 1993
Karen F. Riley

(This space for Federal or State office use)

Approved By ACCEPTED Condition of Approval, If any:

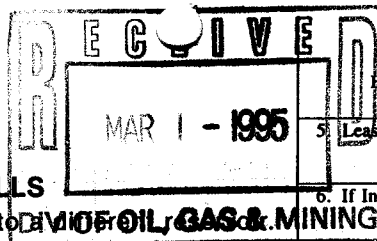
Title

Date

FEB - 2 1993

Branch of Fluid Minerals
Moab District

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993
5. Lease Designation and Serial No.
UTU-58728

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a well.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Meridian Oil, Inc. (303) 930-9393

3. Address and Telephone No.
5613 DTC Parkway, Englewood, Co. 80111-3028

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Surface: SENE 5-39s-25e

BHL: N/A

7. If Unit or CA, Agreement Designation
Kiva

8. Well Name and No.
42-5

9. API Well No.
43-037-31261

10. Field and Pool, or Exploratory Area
Kiva

11. County or Parish, State
San Juan, Ut.

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **Pipeline**
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion or Recompletion Report and Well Form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Have changed pipeline route from that described in Sundry dated 12-15-94 since 13-4 well has not been drilled. Instead of turning west and south to the 13-4, pipeline will turn east and parallel road 450' to 4-4 well. All of pipeline is still within unit. Total length will be $\approx 1,750'$ ($\approx 50'$ longer than before).

All archaeologically inspected under LaPlata reports 8612 (well 12-4), 8761 (well 43-5), and 9435 (pipeline). No sites in route.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

cc: BLM (MDO & SJRA), Dey, UDOGM

14. I hereby certify that the foregoing is true and correct

Consultant (505) 466-8120

2-26-95

Signed

Title

Date

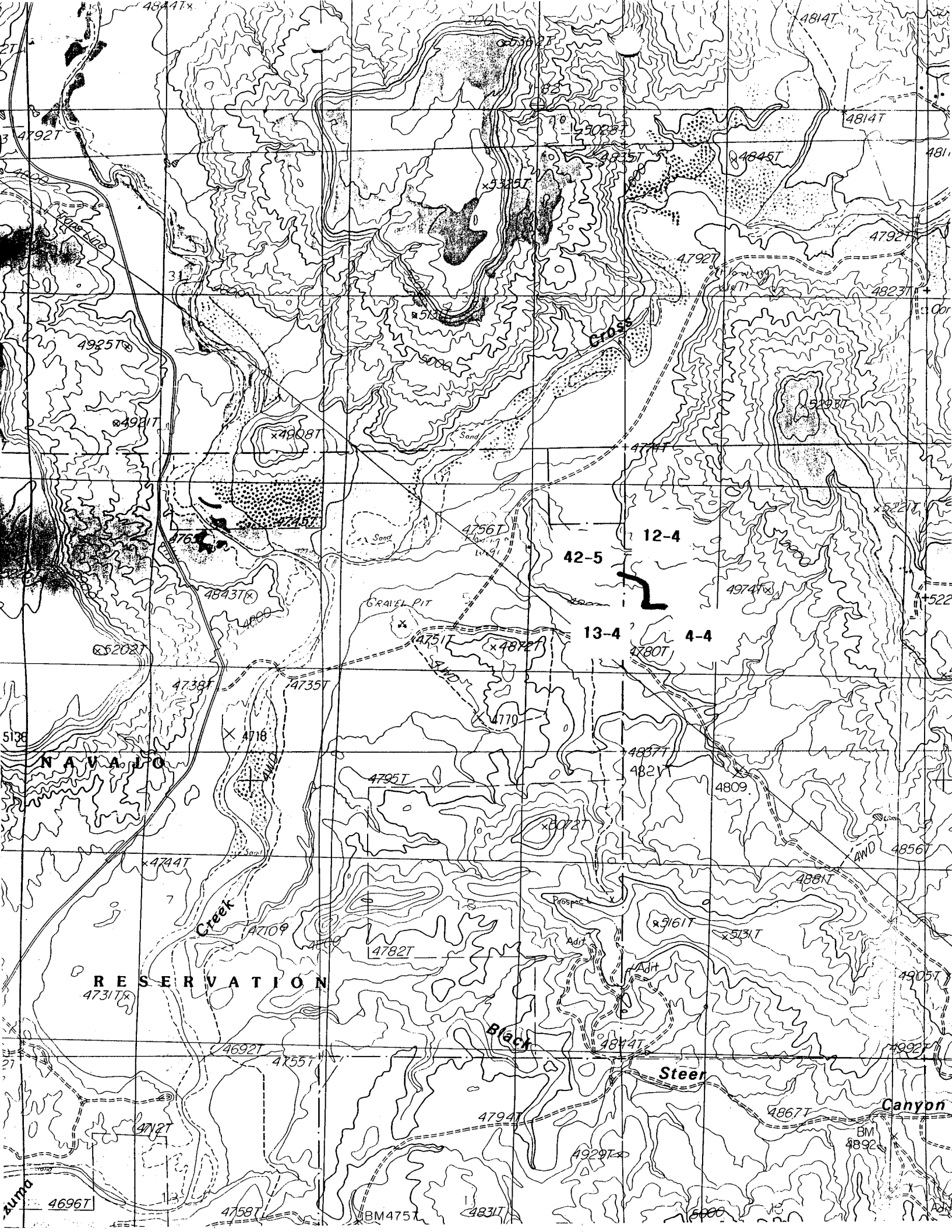
(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Meridian Oil, Inc. (303) 930-9393

3. Address and Telephone No.

5613 DTC Parkway, Englewood, Co. 80111-3028

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Surface: SENE 5-39s-25e

BHL: N/A

5. Lease Designation and Serial No.

UTU-58728

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

Kiva

8. Well Name and No.

42-5

9. API Well No.

43-037-31261

10. Field and Pool, or Exploratory Area

Kiva

11. County or Parish, State

San Juan, Ut.

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

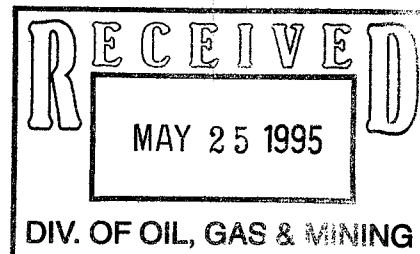
- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☒ Altering Casing
☐ Other Pipeline
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Will change BLM portion of pipeline from steel to plastic. No change on Navajo portion (i.e., remains steel since BIA is requiring it to be laid on the surface).

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY



cc: BLM, Dey, UICM

14. I hereby certify that the foregoing is true and correct

Consultant (505) 466-8120

5-22 95

Signed

Title

Date

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

MARALENE SPAWN
MERIDIAN OIL INC
PO BOX 3209
ENGLEWOOD CO 80155-3209

UTAH ACCOUNT NUMBER: N7230REPORT PERIOD (MONTH/YEAR): 7 / 96AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ ARABIAN FEDERAL #3			NESW	✓		1156186	Kachina Unit	
4303731287	10654	38S 24E 19	IS-DC					
✓ HAVASU FEDERAL 12-19			SWNW	✓		1156186	Kachina Unit	
4303731457	10654	38S 24E 19	ISMY					
✓ HAVASU FEDERAL 12-19A			SWNW	✓		1156186	Kachina Unit	
4303731459	10654	38S 24E 19	ISMY					
✓ NAVAJO FEDERAL 42-5			SENE	✓		1158728	Kiva (Upper mesa) Unit	
4303731261	10655	39S 25E 5	ISMY					
✓ NAVAJO FEDERAL 41-5			NENE	✓		1157895	Kiva / Non P.A.	
4303731358	10810	39S 25E 5	DSCR					
✓ INDIAN CREEK 14176 #1			FRSD	✓		115202	E.mtn. II Unit	(9-16-94 Invalidated)
4301530091	10907	17S 06E 14						
✓ NOCK-FEDERAL 21-33			ISMY	✓		1140361	Bannock Unit	
4303731425	10923	38S 24E 33						
TOTALS								

COMMENTS: _____

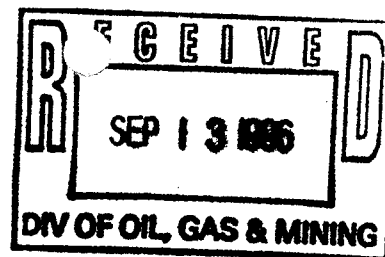
I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____

Telephone Number: _____

MERIDIAN OIL



September 10, 1996

State of Utah
Division of Oil, Gas and Mining
355 ~~1594~~ West North Temple
Salt Lake City, UT 84180

Re: Name Change from Meridian Oil Inc. to
Burlington Resources Oil & Gas Co.

Gentlemen:

Please be advised effective July 11, 1996 Meridian Oil Inc. changed their name and address to:

Burlington Resources Oil & Gas Co.
3300 North "A" St., Bldg. 6
Midland, TX 79710-1810

Please see the attached list of wells that Burlington Resources operates in the State of Utah. If you should have any questions, please contact me at (303) 930-9393 or after September 30th at (915) 688-6800.

Sincerely,

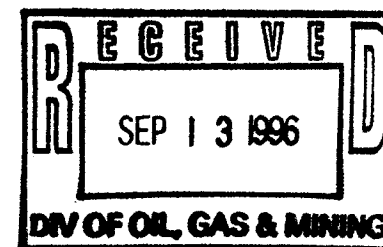
BURLINGTON RESOURCES OIL & GAS CO.

A handwritten signature in cursive script, reading "Eileen Danni Dey".

Eileen Danni Dey
Senior Regulatory Compliance Representative

Enclosure

FIELD	WELL NAME	WELL NO	FORMATION/POOL	COUNTY	OCATIO	SEC	TWN	RGE	API NUMBER	FEDERAL LEASE NUMBER	STATE CONTROL NO.
BANNOCK	BANNOCK FEDERAL	21-33	ISMAY	SAN JUAN	NENW	33	038S	024E	43-037-3142500	UTU60786A	10923
CEDAR MOUNTAIN	EAST CANYON UNIT	33-18	CEDAR MOUNTAIN	GRAND	NWSE	18	016S	025E	43-019-1620300	UTU05059	9515
EAST MOUNTAIN	EAST MOUNTAIN FEDERAL	13-35	FERRON	EMERY	NWSW	35	016S	006E	43-015-3023000	57287U6920	10789
EAST MOUNTAIN	EAST MOUNTAIN FEDERAL	32-23	FERRON	EMERY	SWNE	23	016S	006E	43-015-3023100	57287U6920	11075
FERRON	INDIAN CREEK UNIT	1	FERRON	EMERY	SWNW	02	017S	006E	43-015-3008200	57287U6920	02585
FERRON	INDIAN CREEK UNIT	3	FERRON	EMERY	SWSW	02	017S	006E	43-015-3107500	57287U6920	02585
FERRON	INDIAN CREEK UNIT 10176	5	FERRON	EMERY	SENE	10	017S	006E	43-015-3011700	57287U6920	02585
FERRON	INDIAN CREEK UNIT 14176	2	FERRON	EMERY	SWNE	14	017S	006E	43-015-3009100	UTU15202	10907
KACHINA	ARABIAN FEDERAL (wiw)	2	ISMAY	SAN JUAN	NWSW	19	038S	024E	43-037-3128200	UTU56186	10654
KACHINA	ARABIAN FEDERAL	3	ISMAY	SAN JUAN	NESW	19	038S	024E	43-037-3128700	UTU56186	10654
KACHINA	HAVASU FEDERAL (wiw)	11-19	UPPER ISMAY	SAN JUAN	NWNW	19	038S	024E	43-037-3145800	UTU56186	10654
KACHINA	HAVASU FEDERAL	12-19	UPPER ISMAY	SAN JUAN	SWNW	19	038S	024E	43-037-3145700	UTU56186	10654
KACHINA	HAVASU FEDERAL	12-19A	ISMAY	SAN JUAN	SWNW	19	038S	024E	43-037-3145900	UTU56186	10654
KACHINA	HAVASU FEDERAL	22-19	UPPER ISMAY	SAN JUAN	SENE	19	038S	024E	43-037-3127800	UTU56186	10654
KACHINA	HAVASU FEDERAL	41-24	UPPER ISMAY	SAN JUAN	NENE	24	038S	023E	43-037-3127900	UTU20895	10654
KACHINA	HAVASU FEDERAL (wiw)	42-24	UPPER ISMAY	SAN JUAN	SENE	24	038S	023E	43-037-3129800	UTU20895	10654
KACHINA	WASH UNIT (wsw)	2	CUTLER	SAN JUAN	SESE	13	038S	023E	43-037-3132400	UTU20894	10654
KIVA (DESERT CREEK)	NAVAJO FEDERAL	41-5	DESERT CREEK	SAN JUAN	NENE	05	039S	025E	43-037-3142100	UTU57895	10810
KIVA (UPPER ISMAY)	KIVA FEDERAL	24-4	ISMAY	SAN JUAN	SESW	04	039S	025E	43-037-3174500	83687U6890	09975
KIVA (UPPER ISMAY)	NAVAJO FEDERAL (wiw)	12-4	ISMAY	SAN JUAN	SWNW	04	039S	025E	43-037-3139500	83687U6890	09975
KIVA (UPPER ISMAY)	NAVAJO FEDERAL (wiw)	14-4	ISMAY	SAN JUAN	SWSW	04	039S	025E	43-037-3132100	83687U6890	09975
KIVA (UPPER ISMAY)	NAVAJO FEDERAL (wiw)	21-9	ISMAY	SAN JUAN	NENW	09	039S	025E	43-037-3126700	83687U6890	09975
KIVA (UPPER ISMAY)	NAVAJO FEDERAL (wiw)	23-4	UPPER ISMAY	SAN JUAN	NESW	04	039S	025E	43-037-3125900	83687U6890	09975
KIVA (UPPER ISMAY)	NAVAJO FEDERAL	4-2	ISMAY	SAN JUAN	SWSE	04	039S	025E	43-037-3116100	83687U6890	09975
KIVA (UPPER ISMAY)	NAVAJO FEDERAL	4-4	ISMAY	SAN JUAN	NWSW	04	039S	025E	43-037-3117900	83687U6890	09975
KIVA (UPPER ISMAY)	NAVAJO FEDERAL	42-5	UPPER ISMAY	SAN JUAN	SENE	05	039S	025E	43-037-3126100	83687U6890	10655
KIVA (UPPER ISMAY)	NAVAJO FEDERAL (wsw)	42-9	WINGATE/CUTLER	SAN JUAN	SENE	09	039S	025E	43-037-3126300	83687U6890	09975
KIVA (UPPER ISMAY)	NAVAJO FEDERAL	9-1	UPPER ISMAY	SAN JUAN	NWNE	09	039S	025E	43-037-3100100	83687U6890	09975
KIVA (UPPER ISMAY)	NAVAJO FEDERAL (WIW)	4-1	ISMAY	SAN JUAN	SESW	04	039S	025E	43-037-3111200	83687U6890	09975
KIVA (UPPER ISMAY)	NAVAJO FEDERAL (WIW)	43-5	ISMAY	SAN JUAN	NWSW	05	039S	025E	43-037-3131700	83687U6890	09975
IRON MESA	HATCH POINT FEDERAL	27-1A	CANE CREEK	SAN JUAN	NESW	27	027S	021E	43-037-3051800	8910184250	02815

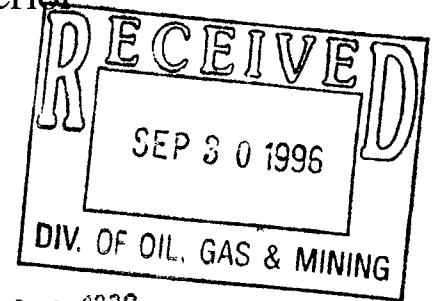




United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155



In Reply Refer To
3100
SL-071010C
(UT-932)

SEP 28 1996

NOTICE

Burlington Resources Oil & Gas Company	:	Oil and Gas
801 Cherry Street, Suite 900	:	SL-071010C
Fort Worth, Texas 76102	:	

Corporate Name Change Recognized

Acceptable evidence has been filed in this office concerning the corporate name change from Meridian Oil Inc. to Burlington Resources Oil & Gas Company.

For our purposes, the name change is recognized effective July 12, 1996, the date the Secretary of State of Delaware certified the name change.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our field offices, you will be contacted by them.

A rider to Bond No. 400IA9059 (BLM Bond No. MT0719) has been accepted by the Montana State office as of September 16, 1996, its date of receipt. The rider changed the name on the bond from Meridian Oil Inc. to Burlington Resources Oil & Gas Company.

ROBERT LOPEZ

Robert Lopez
Group Leader,
Minerals Adjudication Group

Enclosure

Exhibit (1 p)

cc: MMS, Data Management Division, P.O. Box 5860, MS 3113, Denver, Colorado 80217
Moab District Office
Vernal District Office

bc: State of Utah, ATTN: Lisha Cordova, Division of Oil, Gas and Mining, P.O. Box 145801,
Salt Lake City, Utah 84114-5801
Teresa Thompson (UT-931)
Irene Anderson (UT-932)

Exhibit of Leases Affected

SL-071010C	U-8894A	U-40751	U-61752
SL-071595	U-8895A	U-45051	U-62143
U-0681	U-8897A	U-45929	U-62190
U-0683	U-15202	U-46825	U-63181
U-0684	U-15203	U-51045	UTU-64930
U-0685	U-15204	U-51046	UTU-64931
U-0719	U-16962A	U-51047	UTU-65329
U-0725	U-17024	U-52333	UTU-65607
U-0737	U-17623	U-56186	UTU-65750
U-0741	U-19281	U-56932	UTU-65751
U-0744	U-20016	U-56933	UTU-65868 (ROW)
U-03333	U-20895	U-56934	UTU-65940
U-04049	U-24606	U-57895	UTU-65943
U-04049A	U-39832	U-58728	UTU-66025
U-05059	U-40361	U-60428	UTU-66487
U-08107	U-40440	U-60520	UTU-66584
U-062420	U-40544 (ROW)	U-61556	UTU-66708
UTU-66830	UTU-66831	UTU-67565	UTU-67568
UTU-67569	UTU-67570	UTU-68232	UTU-68664
UTU-68676	UTU-69434	UTU-70115 (ROW)	UTU-70196
UTU-72660	U-60786X (Bannock Unit)	U-63089X (East Mountain Unit)	

OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

1-LEC	6-LR
2-GLH	7-KDR
3-DTS	8-SJ
4-VLD	9-FILE
5-RJF	

☒ Change of Operator (~~well sold~~)

☐ Designation of Agent

☐ Designation of Operator

☒ Operator Name Change ~~Only~~

The operator of the well(s) listed below has changed, effective: 7-11-96

TO: (new operator) BURLINGTON RESOURCES O&G CO.

(address) 3300 N "A" ST BLDG 6

MIDLAND TX 79710-1810

EILEEN DANNI DEY

Phone: (915)688-6800

Account no. N7670

FROM: (old operator) MERIDIAN OIL INC

(address) PO BOX 3209

ENGLEWOOD CO 80155-3209

EILEEN DANNI DEY

Phone: (303)930-9393

Account no. N7230

WELL(S) attach additional page if needed:

***KACHINA, KIVA, EAST MOUNTAIN, BANNOCK UNIT'S**

Name: **SEE ATTACHED**	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- Lee 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). (Rec'd 9-13-96)
- Lee 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). (Rec'd 9-13-96)
- Lee 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) ____ If yes, show company file number: #096593. (E# 1-29-87)
- Lee 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of Federal and Indian well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
- Lee 5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. (i.e. USC Program) (10-3-96)
- Lee 6. Cardex file has been updated for each well listed above. (10-3-96)
- Lee 7. Well file labels have been updated for each well listed above. (10-3-96)
- Lee 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (10-3-96)
- Lee 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Lee 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

BOND VERIFICATION - (~~FEE WELLS ONLY~~) *961002 "Rider" 80,000 to Burlington rec'd by Trust Lands Admin.

- Lee 1. (r649-3-1) The NEW operator of any ~~fee~~ lease well listed above has furnished a proper bond.
- N/A 2. A copy of this form has been placed in the new and former operator's bond files.
- N/A 3. The FORMER operator has requested a release of liability from their bond (yes/no) _____, as of today's date _____. If yes, division response was made to this request by letter dated _____.

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A 1. Copies of documents have been sent on _____ to _____ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.

FILMING

- VB 1. All attachments to this form have been microfilmed. Today's date: 12-27-96.

FILING

- ___ 1. Copies of all attachments to this form have been filed in each well file.
- ___ 2. The original of this form, and the original attachments are now being filed in the Operator Change file.

COMMENTS

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

MARALENE SPAWN
BURLINGTON RESOURCES O&G
3300 N A ST BLDG 6
MIDLAND TX 79710-1810

UTAH ACCOUNT NUMBER: N7670REPORT PERIOD (MONTH/YEAR): 4 / 97AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
INDIAN CREEK #1								
4301530082	02585	17S 06E 2	FRSD			ml 27626		
INDIAN CREEK 10176-5								
4301530117	02585	17S 06E 10	FRSD			U15203	E mtn. Unit	
INDIAN CREEK UNIT 021762-3								
4301530175	02585	17S 06E 2	FRSD			U15204		
13-35 EMU HRE FEDERAL								
4301530230	02585	16S 06E 35	FRSD			U56933		
E MOUNTAIN UNIT 32-23								
4301530231	02585	16S 06E 23	FRSD			U17024		
NAVAJO FEDERAL 9-1								
4303731001	09975	39S 25E 9	ISMY			U52333	Kirel (Upper Ismay)	
AJO FEDERAL 4-2								
4303731161	09975	39S 25E 4	ISMY			U52333		
NAVAJO FEDERAL #4-4								
4303731179	09975	39S 25E 4	ISMY			U52333		
24-4 KIVA FEDERAL								
4303731745	09975	39S 25E 4	ISMY			U52333		
NAVAJO FEDERAL 4-2-5								
4303731261	10655	39S 25E 5	ISMY			U58728		
BANNOCK-FEDERAL 21-33								
4303731425	10923	38S 24E 33	ISMY			U40361	Bannock Unit	
TOTALS								

REMARKS:

I hereby certify that this report is true and complete to the best of my knowledge.

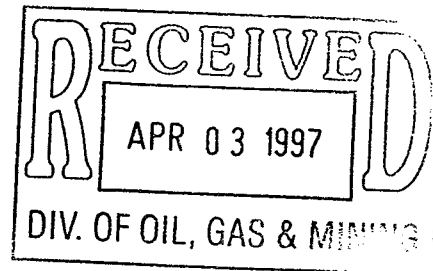
Date: _____

Signature: _____

Telephone Number: _____

MERIT ENERGY COMPANY

12222 MERIT DRIVE, SUITE 1500
DALLAS, TEXAS 75251
(972) 701-8377
(972) 960-1252 Fax



April 2, 1997

Utah Division of Oil, Gas and Mining
Attn: Ms. Lisha Cordova
1594 West North Temple
Suite 1210
Salt Lake City, Utah 84114


RE: Change of Operator to Merit Energy Company
Emery and San Juan County

Dear Ms. Cordova:

Enclosed please find a copy of Form 3160 executed by both parties, Merit Energy and Burlington Resources.

If additional information or forms are required to process this transaction, please contact me at 972-701-8377.

Yours very truly,
MERIT ENERGY COMPANY


Martha J. Rogers
Manager, Regulatory Affairs

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or re-entry to a different reservoir.
Use "APPLICATION FOR PERMIT-" for such proposals.

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

MERIT ENERGY COMPANY

3. Address and Telephone No (972) 701-8377

12222 MERIT DRIVE, DALLAS, TX 75251

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2130' FNL - 320' FEL, SENE
05 039S 025E, SLM

5. Lease Designation and Serial No.

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

83687U6890

8. Well Name and No.

NAVAJO FEDERAL 42-5

9. API Well No.

43,037,3126100

10. Field and Pool, or Exploratory Area

KIVA (UPPER ISMAY), ISMAY

11. County or Parish, State

SAN JUAN, UT

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other CHANGE OF
OPERATOR

☐ Change of Plans

☐ New Construction

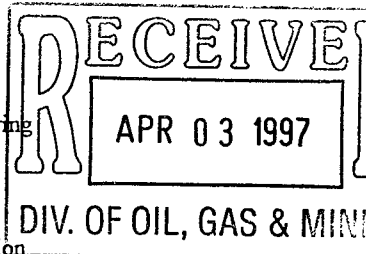
☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)



13. Described Proposed or Completed Operations (Clearly state all pertinent details and give pertinent dates including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

EFFECTIVE AS OF JANUARY 1, 1997, BURLINGTON RESOURCES OIL & GAS COMPANY, THE PRIOR OPERATOR OF RECORD, TRANSFERRED ALL RIGHT, TITLE AND INTEREST IN THE NAVAJO FEDERAL 42-5 WELL TO MERIT PARTNERS, L.P. (AS TO 92.4%) AND MERIT ENERGY PARTNERS III, L.P. (AS TO 7.6%), C/O MERIT ENERGY COMPANY, 12222 MERIT DRIVE, DALLAS, TX 75251. ON APRIL 1, 1997, MERIT ENERGY COMPANY, THE GENERAL PARTNER FOR MERIT PARTNERS, L.P. AND MERIT ENERGY PARTNERS III, L.P., WILL TAKE OVER PHYSICAL OPERATIONS OF SAID WELL ON BEHALF OF SAID LIMITED PARTNERSHIPS AND IS CONSIDERED TO BE THE OPERATOR OF SAID WELL AS OF THAT DATE.

MERIT ENERGY COMPANY IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR THE OPERATIONS CONDUCTED UPON THE LEASED LANDS. BOND COVERAGE IN THE AMOUNT OF \$150,000 FOR MERIT ENERGY COMPANY IS PROVIDED UNDER BLM BOND NO. WY3011, IN FAVOR OF THE BUREAU OF LAND MANAGEMENT, U. S. DEPARTMENT OF THE INTERIOR.

14. I hereby certify that the foregoing is true and correct.

Signed Martha Rogers Title Manager, Regulatory Affairs Date March 31, 1997

(This space for Federal or State office use)

Approved By _____ Title _____ Date _____
Condition of Approval, If any: _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or re-entry to a different reservoir.
Use "APPLICATION FOR PERMIT-" for such proposals.

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

BURLINGTON RESOURCES OIL & GAS COMPANY

3. Address and Telephone No (915)688-6800

P. O. BOX 51810, MIDLAND, TX 79710-1810

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2130' FNL - 320' FEL, SENE

05 039S 025E, SLM

5. Lease Designation and Serial No.

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
83687U6890

8. Well Name and No.

NAVAJO FEDERAL 42-5

9. API Well No.

43,037,3126100

10. Field and Pool, or Exploratory Area

KIVA (UPPER ISMAY), ISMAY

11. County or Parish, State

SAN JUAN, UT

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other CHANGE OF
OPERATOR

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

13. Described Proposed or Completed Operations (Clearly state all pertinent details and give pertinent dates including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

EFFECTIVE JANUARY 1, 1997, BURLINGTON RESOURCES OIL & GAS COMPANY, THE OPERATOR OF RECORD OF THE NAVAJO FEDERAL 42-5 WELL, TRANSFERRED ALL OF ITS RIGHT, TITLE AND INTEREST IN SAID WELL TO MERIT PARTNERS, L.P. (AS TO 92.4%) AND MERIT ENERGY PARTNERS III, L.P. (AS TO 7.6%), C/O MERIT ENERGY COMPANY, 12222 MERIT DRIVE, DALLAS, TX 75251.

ON APRIL 1, 1997, MERIT ENERGY COMPANY, GENERAL PARTNER FOR MERIT PARTNERS, L.P. AND MERIT ENERGY PARTNERS III, L.P., WILL TAKE OVER PHYSICAL OPERATIONS OF SAID WELL ON BEHALF OF SAID LIMITED PARTNERSHIPS.

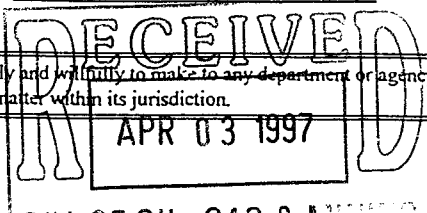
14. I hereby certify that the foregoing is true and correct.

Signed Kent Beers Title Attorney-in-Fact Date March 31, 1997

(This space for Federal or State office use)

Approved By _____ Title _____ Date _____
Condition of Approval, If any: _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statement or representations as to any matter within its jurisdiction.



CHANGE OF OPERATOR STATE OF - UT

COUNTY	FIELD NAME	WELL NAME	STR	LSE#	WELLTYPE	APIWELL	COMM NO.	FED CNTRL	ST CNTRL
EMERY	EAST MOUNTAIN ,FERRON	EAST MOUNTAIN FEDERAL 13-35	35 016S 006E	ML-27626	GAS WELL	43,015,3023000	UT060P49-87U69	57287U6920	025 456933
EMERY	EAST MOUNTAIN ,FERRON	EAST MOUNTAIN FEDERAL 32-23	23 016S 006E		GAS WELL	43,015,3023100	UT060P49-87U69	57287U6920	025 417634
EMERY	FERRON ,FERRON	INDIAN CREEK 021762 3	02 017S 006E	ML-27626	GAS WELL	43,015,3017500		57287U6920	025 415204
EMERY	FERRON ,FERRON	INDIAN CREEK 1	02 017S 006E	ML-27626	GAS WELL	43,015,3008200		57287U6920	025 415206
EMERY	FERRON ,FERRON	INDIAN CREEK 10176 5	10 017S 006E	ML-27626	GAS WELL	43,015,3011700		57287U6920	025 415203
EMERY	FERRON ,FERRON	INDIAN CREEK 14176 1	14 017S 006E	UTU15202	GAS WELL	43,015,3009100		UTU15202	109 415202
SAN JUAN	BANNOCK ,ISMAY	BANNOCK FEDERAL 21-33	33 038S 024E	UTU60786	OIL WELL	43,037,3142500	60786A	UTU60786A	109 446361
SAN JUAN	KACHINA ,CUTLER	WASH UNIT 2	13 038S 023E	UTU20894	WATER SOURCE	43,037,3132400		UTU20894	106 420894 (To Water Rights 4-7-97)
SAN JUAN	KACHINA ,ISMAY	ARABIAN FEDERAL 2	19 038S 024E	UTU56186	WATER INJECTED	43,037,3128200		UTU56186	106 456186
SAN JUAN	KACHINA ,ISMAY	HAVASU FEDERAL 11-19	19 038S 024E	UTU56186	WATER INJECTED	43,037,3145800		UTU56186	106 456186
SAN JUAN	KACHINA ,ISMAY	HAVASU FEDERAL 12-19	19 038S 024E	UTU56186	OIL WELL	43,037,3145700		UTU56186	106 456186
SAN JUAN	KACHINA ,ISMAY	HAVASU FEDERAL 12-19A	19 038S 024E	UTU56186	OIL WELL	43,037,3145900		UTU56186	106 456186
SAN JUAN	KACHINA ,ISMAY	HAVASU FEDERAL 22-19	19 038S 024E	UTU56186	OIL WELL	43,037,3127800		UTU56186	106 456186
SAN JUAN	KACHINA ,ISMAY	HAVASU FEDERAL 41-24	24 038S 023E	UTU20895	OIL WELL	43,037,3127900		UTU20895	106 420895
SAN JUAN	KACHINA ,ISMAY	HAVASU FEDERAL 42-24	24 038S 023E	UTU20895	WATER INJECTED	43,037,3129800		UTU20895	106 420895

CHANGE OF OPERATOR STATE OF - UT

COUNTY	FIELD NAME	WELL NAME	STR	LSE#	WELLTYPE	APIWELL	COMM NO.	FED CNTRL	ST CNTRL
SAN JUAN	KACHINA ,ISMAY-DESERT CREEK	ARABIAN FEDERAL 3	19 038S 024E	UTU56186	OIL WELL	43,037,3128700		UTU56186	106 <i>U56186</i>
SAN JUAN	KIVA (UPPER ISMAY) ,CUTLER	NAVAJO FEDERAL 42-9	09 039S 025E	U-52333	WATER SOURCE	43,037,3126300			<i>U52333 (to water Rights 4797)</i>
SAN JUAN	KIVA (UPPER ISMAY) ,ISMAY	KIVA FEDERAL 24-4	04 039S 025E		OIL WELL	43,037,3174500		83687U6890	<i>USA-U52333</i>
SAN JUAN	KIVA (UPPER ISMAY) ,ISMAY	NAVAJO FEDERAL (WIW) 4-1	04 039S 025E		WATER INJECTED	43,037,3111200		83687U6890	<i>U52333</i>
SAN JUAN	KIVA (UPPER ISMAY) ,ISMAY	NAVAJO FEDERAL (WIW) 43-5	04 039S 025E		WATER INJECTED	43,037,3131700		83687U6890	<i>U58728</i>
SAN JUAN	KIVA (UPPER ISMAY) ,ISMAY	NAVAJO FEDERAL 12-4	04 039S 025E		WATER INJECTED	43,037,3139500		83687U6890	<i>U52333</i>
SAN JUAN	KIVA (UPPER ISMAY) ,ISMAY	NAVAJO FEDERAL 14-4	04 039S 025E		WATER INJECTED	43,037,3132100		83687U6890	<i>U52333</i>
SAN JUAN	KIVA (UPPER ISMAY) ,ISMAY	NAVAJO FEDERAL 21-9	09 039S 025E		WATER INJECTED	43,037,3126700		83687U6890	<i>U52333</i>
SAN JUAN	KIVA (UPPER ISMAY) ,ISMAY	NAVAJO FEDERAL 23-4	04 039S 025E		WATER INJECTED	43,037,3125900		83687U6890	<i>U52333</i>
SAN JUAN	KIVA (UPPER ISMAY) ,ISMAY	NAVAJO FEDERAL 4-1	04 039S 025E		OIL WELL	43,037,3111200		83687U6890	<i>U52333</i>
SAN JUAN	KIVA (UPPER ISMAY) ,ISMAY	NAVAJO FEDERAL 4-2	04 039S 025E		OIL WELL	43,037,3116100		83687U6890	<i>U52333</i>
SAN JUAN	KIVA (UPPER ISMAY) ,ISMAY	NAVAJO FEDERAL 4-4	04 039S 025E		OIL WELL	43,037,3117900		83687U6890	<i>U52333</i>
SAN JUAN	KIVA (UPPER ISMAY) ,ISMAY	NAVAJO FEDERAL 42-5	05 039S 025E		OIL WELL	43,037,3128100		83687U6890	<i>U58728</i>
SAN JUAN	KIVA (UPPER ISMAY) ,ISMAY	NAVAJO FEDERAL 43-5	04 039S 025E		OIL WELL	43,037,3131700		83687U6890	<i>U58728</i>
SAN JUAN	KIVA (UPPER ISMAY) ,ISMAY	NAVAJO FEDERAL 9-1	09 039S 025E		OIL WELL	43,037,3100100		83687U6890	<i>U52333</i>
SAN JUAN	KIVA (UPPER ISMAY) ,WINGATE	NAVAJO FEDERAL 42-9	09 039S 025E		WATER SOURCE	43,037,3126300		83687U6890	<i>U52333 (to water Rights 4797)</i>

CHANGE OF OPERATOR STATE OF - UT

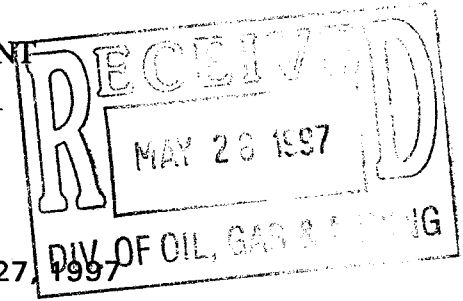
COUNTY	FIELD NAME	WELL NAME	STR	LSE#	WELLTYPE	APIWELL	COMM NO.	FED CNTRL	ST CNTRL
SAN JUAN	KIVA ,DESERT CREEK	NAVAJO FEDERAL 41-5	05 039S 025E	UTU57895	OIL WELL	43,037,3135800		UTU57895	108 1157895
SAN JUAN	LION MESA ,CANE CREEK	HATCH POINT FEDERAL 27-1A	27 027S 021E	UTU20016	OIL WELL	43,037,3051800		UTU20016	028 1120016



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155



May 27, 1997

Merit Energy Company
12222 Merit Drive, Suite 1500
Dallas, Texas 75251

Re: Kiva (Upper Ismay) Unit
San Juan County, Utah

Gentlemen:

On May 21, 1997, we received an indenture dated April 1, 1997, whereby Burlington Resources Oil and Gas Company resigned as Unit Operator and Merit Energy Company was designated as Successor Unit Operator for the Kiva (Upper Ismay) Unit, San Juan County, Utah.

The indenture was approved by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective May 27, 1997. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under Kiva (Upper Ismay) Unit Agreement.

Your nationwide (Wyoming) oil and gas bond No. 3011 will be used to cover all operations within the Kiva (Upper Ismay) Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Moab (w/enclosure)
~~Division of Oil, Gas & Mining~~
Minerals Adjudication Group U-932
File - Kiva (Upper Ismay) Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron
U-931:TAThompson:tt:5/27/97

Well Status Report
Utah State Office
Bureau of Land Management

Lease	Api Number	Well Name	QTR	Section	Township	Range	Well Status	Operator
** Inspection Item: 83687U6890								
✓UTU52333	4303731395	12-4 NAVAJO-FEDERAL	SWNW	4	T39S	R25E	WIW	BURLINGTON RESOURCES O + G CO
✓UTU52333	4303731321	14-4 NAVAJO FED	SWSW	4	T39S	R25E	WIW	BURLINGTON RESOURCES O + G CO
✓UTU52333	4303731267	21-9 NAVAJO-FEDERAL	NENW	9	T39S	R25E	WIW	BURLINGTON RESOURCES O + G CO
✓UTU52333	4303731259	23-4 NAVAJO-FEDERAL	NESW	4	T39S	R25E	WIW	BURLINGTON RESOURCES O + G CO
✓UTU52333	4303731745	24-4 KIVAL FEDERAL	SESW	4	T39S	R25E	POW	BURLINGTON RESOURCES O + G CO
✓UTU52333	4303731112	4-1 NAVAJO FEDERAL	SESW	4	T39S	R25E	WIW	BURLINGTON RESOURCES O + G CO
✓UTU52333	4303731161	4-2 NAVAJO FEDERAL	SWSE	4	T39S	R25E	POW	BURLINGTON RESOURCES O + G CO
UTU52333	4303731176	4-3 NAVAJO FEDERAL	NESW	4	T39S	R25E	P+A	BURLINGTON RESOURCES O + G CO
✓UTU52333	4303731179	4-4 NAVAJO FEDERAL	NWSW	4	T39S	R25E	POW	BURLINGTON RESOURCES O + G CO
✓UTU58728	4303731261	42-5 NAVAJO-FEDERAL	SENE	5	T39S	R25E	POW	BURLINGTON RESOURCES O + G CO
UTU52333	4303731263	42-9 NAVAJO-FEDERAL	SENE	9	T39S	R25E	WSW	BURLINGTON RESOURCES O + G CO
✓UTU58728	4303731317	43-5 NAVAJO (BH 5)	NWSW	4	T39S	R25E	OSI	BURLINGTON RESOURCES O + G CO
✓UTU52333	4303731001	9-1 NAVAJO FEDERAL	NWNE	9	T39S	R25E	POW	BURLINGTON RESOURCES O + G CO

ENTITY ACTION FORM - FORM 6

OPERATOR MERIT ENERGY COMPANY

OPERATOR ACCT. NO. 114900

ADDRESS _____

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
C	10655	09975	43-037-31261	NAVAJO FEDERAL 42-5	SENE	5	39S	25E	SAN JUAN		5/97
WELL 1 COMMENTS: *ENTITY 9975 IS THE "COMMON" NUMBER FOR WELLS IN KIVA (UPPER ISMAY) UNIT; THIS WELL WAS ASSIGNED 10655 12/86 PRIOR TO UNIT APRV 7/87; BEING CHG'D EFF 5/97. OPERATOR NOTIFIED & IN AGREEMENT.											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

L. CORDOVA (DOGM)

Signature

ADMIN. ANALYST

Title

5-30-97

Date

Phone No. ()

OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

1-LE	6-LE
2-KAS	7-KAS
3-DTS	8-SI
4-VLD	9-FILE
5-JRB	

☒ Change of Operator (well sold)☐ Designation of Agent☐ Designation of Operator☐ Operator Name Change OnlyThe operator of the well(s) listed below has changed, effective: 4-1-97

TO: (new operator) MERIT ENERGY COMPANY
 (address) 12222 MERIT DR STE 1500
DALLAS TX 75251
MARTHA ROGERS
 Phone: (972) 701-8377
 Account no. N4900 (4-30-97)

FROM: (old operator) BURLINGTON RESOURCES O&G
 (address) 3300 N A ST BLDG 6
MIDLAND TX 79710-1810
MARALENE SPAWN
 Phone: (915) 688-6800
 Account no. N7670

WELL(S) attach additional page if needed:

***KIVA (UPPER ISMAY) UNIT**

Name: **SEE ATTACHED**	API: <u>43-037-31201</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- Lee 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). (4-3-97) *LIC 4-21-97
- Lee 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). (4-3-97) *LIC 4-21-97
- N/A 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state?** (yes/no) ____ If yes, show company file number: ____ *Kachina Unit chgd 4-30-97.
- Lee 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of **steps 5 through 9** below.
- Lee 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. (5-30-97) *LIC DBASE & Quattro
- Lee 6. **Cardex** file has been updated for each well listed above. (5-30-97)
- Lee 7. **Well file labels** have been updated for each well listed above. (5-30-97)
- Lee 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (5-30-97)
- Lee 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Sec 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) ____ If entity assignments were changed, attach copies of Form 6, Entity Action Form.
10655 to 9975 (Kiva Upper Ismay) entity.
- Sec 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- N/A 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
- ____ 2. A copy of this form has been placed in the new and former operator's bond files.
- ____ 3. The FORMER operator has requested a release of liability from their bond (yes/no) ____, as of today's date _____. If yes, division response was made to this request by letter dated _____.

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A 1. Copies of documents have been sent on _____ to _____ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated _____ 19 ____, of their responsibility to notify all interest owners of this change.

FILMING

- W 1. All attachments to this form have been microfilmed. Today's date: 10.20.97.

FILING

- ____ 1. Copies of all attachments to this form have been filed in each well file.
- ____ 2. The original of this form, and the original attachments are now being filed in the Operator Change file.

COMMENTS

970430 Kachina Unit Op. Chg. Aprv. & changed. (separate change)
970530 Kiva Unit Op. chg. Aprv. 5-27-97.

(East Mtn. Unit & Bannock Unit Not Aprv. Yet - See separate chg.)
when aprv.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires July 31, 1996

5. Lease Serial No.

U-57895

6. If Indian, Allottee or Tribe Name

Navajo Tribe

7. If Unit or CA/Agreement, Name and/or No.

N/A

8. Well Name and No.

Navajo-Federal #41-5

9. API Well No.

43-037-31358

10. Field and Pool, or Exploratory Area

Kiva - Desert Creek

11. County or Parish, State

San Juan Co., Utah

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Merit Energy Company

3a. Address

12222 Merit Dr., Suite 1500, Dallas, TX. 75251

3b. Phone No. (include area code)

972-701-8377

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1210' FNL & 360' FEL (NE NE)

Section 5-T39S-R25E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- | | | | |
|-----------------------------------------------|------------------------------------------------------|----------------------------------------------------|-----------------------------------------|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input type="checkbox"/> Other |
| <input type="checkbox"/> Change Plans | <input checked="" type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

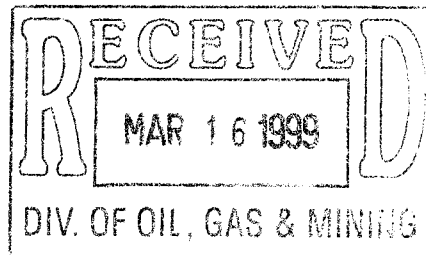
13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once Testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

10/12/98 Set 5-1/2" CIBP @ 5600' & spot 8 sx cement on top of plug. Pumped 9# mud to 1600'.

10/13/98 Perforated squeeze holes @ 1570'. TIH w/5-1/2" retainer & set @ 1529'. Established injection rate. Pumped 34 sx cement below & 18 sx cement above retainer. Pumped 9# mud to 150'. Perforated squeeze holes @ 150'. TIH w/5-1/2" retainer & set @ 120'. Established circulation. Pumped 43 sx cement, circulated to surface. Stung out of retainer. Pumped 13 sx cement to surface. Cut off wellhead, weld on plate. RDMO. Well is plugged & abandoned.

cc: Utah Division of Oil, Gas & Mining

COPY SENT TO OPERATOR
Date: 3-17-99
Initials: CHD



14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Arlene Valliquette

Title

Manager - Regulatory Affairs

Signature

Arlene Valliquette

Date

3/12/99

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Accepted by the
Utah Division of
Oil, Gas and Mining

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

Date: 3-16-99
By: RJK

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL

OIL WELL ☐

GAS WELL ☐

OTHER ☐

2. NAME OF OPERATOR:

Merit Energy Company

3. ADDRESS OF OPERATOR:

12222 Merit Dr., Suite CITY Dallas

STATE TX

ZIP 75251

PHONE NUMBER:

(972) 701-8377

4. LOCATION OF WELL

FOOTAGES AT SURFACE: See Attached

COUNTY: San Juan

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

5. LEASE DESIGNATION AND SERIAL NUMBER:

See attached

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

See attached

8. WELL NAME and NUMBER:

See attached

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

See attached

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION



NOTICE OF INTENT
(Submit in Duplicate)

Approximate date work will start:



SUBSEQUENT REPORT
(Submit Original Form Only)

Date of work completion:



ACIDIZE



ALTER CASING



CASING REPAIR



CHANGE TO PREVIOUS PLANS



CHANGE TUBING



CHANGE WELL NAME



CHANGE WELL STATUS



COMMINGLE PRODUCING FORMATIONS



CONVERT WELL TYPE



DEEPEN



FRACTURE TREAT



NEW CONSTRUCTION



OPERATOR CHANGE



PLUG AND ABANDON



PLUG BACK



PRODUCTION (START/RESUME)



RECLAMATION OF WELL SITE



RECOMPLETE - DIFFERENT FORMATION



REPERFORATE CURRENT FORMATION



SIDETRACK TO REPAIR WELL



TEMPORARILY ABANDON



TUBING REPAIR



VENT OR FLARE



WATER DISPOSAL



WATER SHUT-OFF



OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Merit Energy Company advises, effective SEPT. 30, 2000, Journey Operating, L.L.C. will become the operator of the wells on the attached list.

Journey Operating, L.L.C.
1201 Louisiana, Suite 1040
Houston, TX. 77002
(713) 655-0595

By:

Brian A. Baer, President

RECEIVED

OCT 20 2000

DIVISION OF
OIL, GAS AND MINING

NAME (PLEASE PRINT) Arlene Valliquette

TITLE Manager - Regulatory Affairs

SIGNATURE

Arlene Valliquette

DATE

9/29/00

(This space for State use only)

CHANGE OF OPERATOR
from Merit Energy Company to Journey Operating, L.L.C.
San Juan County, Utah

Attachment to Utah Form 19

Well Type	Lease Serial No.	Field Name	Well Name/Number	API Number	Location of Well
Oil Well	UTU-40361	Bannock	Bannock Federal #21-33	43-037-31425	NE NW (685' FNL & 1520' FWL) Sec. 33-T38S-R24E
Injection Well	I-149-IND-9123	Ismay	Ismay Flodine Park R-124	43-037-16169	NE NE (660' FNL & 660' FEL) Sec. 24-T40S-R25E
Oil Well	14-20-603-2055-A	Ismay	Ismay Flodine Park S-216	43-037-15546	SW NW (1820' FNL & 500' FWL) Sec. 16-T40S-R26E
Injection Well	14-20-603-2055-A	Ismay	Ismay Flodine Park T-316	43-037-16462	NE SW (1980' FSL & 1980' FWL) Sec. 16-T40S-R26E
Oil Well	14-20-603-2055-A	Ismay	Ismay Flodine Park S-416	43-037-15544	SW SW (1820' FNL & 500' FWL) Sec. 16-T40S-R26E
Oil Well	14-20-603-2055-A	Ismay	Ismay Flodine Park U-416	43-037-15545	SW SE (660' FSL & 1980' FEL) Sec. 16-T40S-R26E
Injection Well	I-149-IND-9124	Ismay	Ismay Flodine Park T-117	43-037-16456	NE NW (775' FNL & 1995' FWL) Sec. 17-T40S-R26E
Oil Well	I-149-IND-9124	Ismay	Ismay Flodine Park S-217	43-037-16170	SW NW (1980' FNL & 660' FWL) Sec. 17-T40S-R26E
Injection Well	I-149-IND-9124	Ismay	Ismay Flodine Park V-117	43-037-16188	NE NE (660' FNL & 660' FEL) Sec. 17-T40S-R26E
Oil Well	I-149-IND-9124	Ismay	Ismay Flodine Park U-217	43-037-16180	SW NE (1980' FNL & 1820' FEL) Sec. 17-T40S-R26E
Injection Well	I-149-IND-9124	Ismay	Ismay Flodine Park T-317	43-037-16463	NE SW (1980' FSL & 1980' FWL) Sec. 17-T40S-R26E
Oil Well	I-149-IND-9124	Ismay	Ismay Flodine Park U-417	43-037-16185	SW SE (500' FSL & 1820' FEL) Sec. 17-T40S-R26E
Injection Well	I-149-IND-9123	Ismay	Ismay Flodine Park T-118	43-037-16457	NE NW (660' FNL & 1980' FWL) Sec. 18-T40S-R26E
Oil Well	I-149-IND-9123	Ismay	Ismay Flodine Park S-218	43-037-16171	SW NW (1820' FNL & 660' FWL) Sec. 18-T40S-R26E
Oil Well	I-149-IND-9123	Ismay	Ismay Flodine Park T-318	43-037-16464	NE SE (1980' FSL & 1980' FWL) Sec. 18-T40S-R26E
Oil Well	I-149-IND-9123	Ismay	Ismay Flodine Park V-318	43-037-16467	NE SE (1980' FSL & 660' FEL) Sec. 18-T40S-R26E
Oil Well	I-149-IND-9123	Ismay	Ismay Flodine Park U-418	43-037-16186	SW SE (660' FSL & 1980' FEL) Sec. 18-T40S-R26E
Injection Well	I-149-IND-9123	Ismay	Ismay Flodine Park T-119	43-037-16458	NE NW (660' FNL & 1980' FWL) Sec. 19-T40S-R26E
Water Source Well	I-149-IND-9123	Ismay	Ismay Flodine Park V-219	43-037-16519	SE NE (1980' FNL & 560' FEL) Sec. 19-T40S-R26E
Oil Well	I-149-IND-9124	Ismay	Ismay Flodine Park V-120	43-037-16190	NE NE (660' FNL & 660' FEL) Sec. 20-T40S-R26E
Water Source Well	I-149-IND-9124	Ismay	Ismay Flodine Park V-220	43-037-20055	SE NE (1950' FNL & 1120' FEL) Sec. 20-T40S-R26E
Oil Well	I-149-IND-9124	Ismay	Ismay Flodine Park S-121	43-037-31629	NW NW (500' FNL & 660' FWL) Sec. 21-T40S-R26E
Injection Well	I-149-IND-9124	Ismay	Ismay Flodine Park T-121	43-037-16460	NE NW (610' FNL & 2050' FWL) Sec. 21-T40S-R26E
Water Source Well	I-149-IND-9124	Ismay	Ismay Flodine Park U-121	43-037-20056	NW NE (540' FNL & 1980' FEL) Sec. 21-T40S-R26E
Injection Well	I-149-IND-9124	Ismay	Ismay Flodine Park V-121	43-037-16191	NE NE (660' FNL & 660' FEL) Sec. 21-T40S-R26E
Injection Well	I-149-IND-9124	Ismay	Ismay Flodine Park U-421	43-037-11267	SW SE (660' FSL & 1980' FEL) Sec. 21-T40S-R26E
Injection Well	I-149-IND-9124	Ismay	Ismay Flodine Park V-321	43-037-16194	NE SE (1980' FSL & 670' FEL) Sec. 21-T40S-R26E

CHANGE OF OPERATOR
from Merit Energy Company to Journey Operating, L.L.C.
San Juan County, Utah

Attachment to Utah Form 19

Well Type	Lease Serial No.	Field Name	Well Name/Number	API Number	Location of Well
Oil Well	I-149-IND-9124	Ismay	Ismay Flodine Park S-222	43-037-16173	SW NW (2030' FNL & 820' FWL) Sec. 22-T40S-R26E
Injection Well	I-149-IND-9124	Ismay	Ismay Flodine Park T-322	43-037-16179	NE SW (1820' FSL & 1935' FWL) Sec. 22-T40S-26E
Oil Well	I-149-IND-9124	Ismay	Ismay Flodine Park U-422	43-037-16187	SW SE (820' FSL & 2140' FEL) Sec. 22-T40S-R26E
Oil Well	NOG-9904-1324	Ismay	Ismay Flodine Park S-227	43-037-16231	SW NW (2140' FNL & 820' FWL) Sec. 27-T40S-R26E
Oil Well	NOG-9904-1324	Ismay	Ismay Flodine Park U-127	43-037-31648	NE NE (745' FNL & 595' FEL) Sec. 27-T40S-R26E
Oil Well	NOG-9904-1324	Ismay	Ismay Flodine Park U-227	43-037-16234	SW NE (2120' FNL & 1950' FEL) Sec. 27-T40S-R26E
Oil Well	14-20-603-2058-A	Ismay	Ismay Flodine Park U-234	43-037-16184	SW NE (1980' FNL & 2080' FEL) Sec. 34-T40S-R26E
Water Source Well	UTU-20894	Kachina	Wash Unit #2	43-037-31324	SE SE (470' FSL & 850' FEL) Sec. 13-T38S-R23E
Oil Well	UTU-20895	Kachina	Havasus Federal #41-24	43-037-31279	NE NE (1050' FNL & 500' FEL) Sec. 24-T38S-R23E
Injection Well	UTU-20895	Kachina	Havasus Federal #42-24	43-037-31298	SE NE (1970' FNL & 461' FEL) Sec. 24-T38S-R23E
Injection Well	UTU-56186	Kachina	Arabian Federal #2	43-037-31282	NW SW (2180' FSL & 950' FWL) Sec. 19-T38S-R24E
Oil Well	UTU-56186	Kachina	Arabian Federal #3	43-037-31287	NE SW (1470' FSL & 1750' FWL) Sec. 19-T38S-R24E
Injection Well	UTU-56186	Kachina	Havasus Federal #11-19	43-037-31458	NW NW (940' FNL & 590' FWL) Sec. 19-T38S-R24E
Oil Well	UTU-56186	Kachina	Havasus Federal #12-19	43-037-31457	SW NW (1840' FNL & 410' FWL) Sec. 19-T38S-R24E
Oil Well	UTU-56186	Kachina	Havasus Federal #12-19A	43-037-31459	SW NW (2520' FNL & 200' FWL) Sec. 19-T38S-R24E
Oil Well	UTU-56186	Kachina	Havasus Federal #22-19	43-037-31278	SW NW (1850' FNL & 1255' FWL) Sec. 19-T38S-R24E
Injection Well	UTU-52333	Kiva	Navajo Federal #12-4	43-037-31395	SW NW (2260' FNL & 440' FWL) Sec. 4-T39S-R25E
Injection Well	UTU-52333	Kiva	Navajo Federal #14-4	43-037-31321	SW SW (1150' FSL & 1110' FWL) Sec. 4-T39S-R25E
Injection Well	UTU-52333	Kiva	Navajo Federal #23-4	43-037-31259	NE SW (1500' FSL & 2500' FWL) Sec. 4-T39S-R25E
Oil Well	UTU-52333	Kiva	Kiva Federal #24-4	43-037-31745	SE SW (1057' FSL & 1997' FWL) Sec. 4-T39S-R25E
Injection Well	UTU-52333	Kiva	Navajo Federal #4-1	43-037-31112	SE SW (370' FSL & 1940' FWL) Sec. 4-T39S-R25E
Oil Well	UTU-52333	Kiva	Navajo Federal #4-2	43-037-31161	SW SE (300' FSL & 2225' FEL) Sec. 4-T39S-R25E
Oil Well	UTU-52333	Kiva	Navajo Federal #4-4	43-037-31179	NW SW (1980' FSL & 660' FWL) Sec. 4-T39S-R25E
Oil Well	UTU-57895	Kiva	Navajo Federal #42-5	43-037-31261	SE NE (2130' FNL & 320' FEL) Sec. 5-T39S-R25E
Injection Well	UTU-58728	Kiva	Navajo Federal #43-5	43-037-31317	NE SE (1954' FSL & 627' FEL) Sec. 5-T39S-R25E
Oil Well	UTU-52333	Kiva	Navajo Federal #9-1	43-037-31001	NW NE (770' FNL & 2010' FEL) Sec. 9-T39S-R25E

CHANGE OF OPERATOR
from Merit Energy Company to Journey Operating, L.L.C.
San Juan County, Utah

Attachment to Utah Form 19

Well Type	Lease Serial No.	Field Name	Well Name/Number	API Number	Location of Well
Injection Well	UTU-52333	Kiva	Navajo Federal #21-9	43-037-31267	NE NW (330' FNL & 2510' FWL) Sec. 9-T39S-R25E
Water Source Well	UTU-52333	Kiva	Navajo Federal #42-9	43-037-31263	SE NE (1850' FNL & 1140' FEL) Sec. 9-T39S-R25E



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

IN REPLY REFER TO
UT-931

January 4, 2001

Journey Operating, L.L.C.
Attn: Sandra Meche
Louisiana Place
1201 Louisiana Street
Houston, Texas 77002

Re: Kiva (Upper Ismay) Unit
San Juan County, Utah

Gentlemen:

We received an indenture dated September 30, 2000, whereby Merit Energy Company resigned as Unit Operator and Journey Operating, L.L.C. was designated as Successor Unit Operator for the Kiva (Upper Ismay) Unit, San Juan County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective January 4, 2001. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Kiva (Upper Ismay) Unit Agreement.

Your nationwide (Wyoming) oil and gas bond No. 3354 will be used to cover all operations within the Kiva (Upper Ismay) Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Moab (w/enclosure)
Division of Oil, Gas & Mining
Minerals Adjudication Group U-932
File - Kiva (Upper Ismay) Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron
UT931:TAThompson:tt:1/4/01

Results of query for MMS Account Number 83687U6890

API Number	Operator	Well Name	Well Status	Lease or CA Number	Inspection Item	Township	Range	Section	Quarter/Quarter	Field Name	Production Zone
4303731001	MERIT ENERGY COMPANY	9-1 NAVAJO FEDERAL	POW	UTU52333	83687U6890	39S	25E	9	NWNE	KIVA	ISMAY
4303731112	MERIT ENERGY COMPANY	4-1 NAVAJO FEDERAL	WIW	UTU52333	83687U6890	39S	25E	4	SESW	KIVA	DESERT CREEK
4303731161	MERIT ENERGY COMPANY	4-2 NAVAJO FEDERAL	POW	UTU52333	83687U6890	39S	25E	4	SWSE	KIVA	ISMAY
4303731176	MERIT ENERGY COMPANY	4-3 NAVAJO FEDERAL	P+A	UTU52333	83687U6890	39S	25E	4	NESW	KIVA	
4303731179	MERIT ENERGY COMPANY	4-4 NAVAJO FEDERAL	POW	UTU52333	83687U6890	39S	25E	4	NWSW	KIVA	ISMAY
4303731259	MERIT ENERGY COMPANY	23-4 NAVAJO-FEDERAL	TA	UTU52333	83687U6890	39S	25E	4	NESW	KIVA	ISMAY-DESERT CREEK
4303731261	MERIT ENERGY COMPANY	42-5 NAVAJO-FEDERAL	POW	UTU58728	83687U6890	39S	25E	5	SENE	KIVA	ISMAY
4303731263	MERIT ENERGY COMPANY	42-9 NAVAJO-FEDERAL	WSW	UTU52333	83687U6890	39S	25E	9	SENE	KIVA	
4303731267	MERIT ENERGY COMPANY	21-9 NAVAJO-FEDERAL	WIW	UTU52333	83687U6890	39S	25E	9	NENW	KIVA	ISMAY

4303731317	MERIT ENERGY COMPANY	43-5 NAVAJO (BH 5)	OSI	UTU58728	83687U6890	39S	25E	4	NWSW	KIVA	ISMAY
4303731321	MERIT ENERGY COMPANY	14-4 NAVAJO FED	WIW	UTU52333	83687U6890	39S	25E	4	SWSW	KIVA	ISMAY
4303731395	MERIT ENERGY COMPANY	12-4 NAVAJO-FEDERAL	WIW	UTU52333	83687U6890	39S	25E	4	SWNW	KIVA	ISMAY
4303731745	MERIT ENERGY COMPANY	24-4 KIVAL FEDERAL	POW	UTU52333	83687U6890	39S	25E	4	SESW	KIVA	ISMAY

DISCLAIMER for online data: No warranty is made by the BLM for use of the data for purposes not intended by the BLM.

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH		4-KAS ✓
2. CDW		5- SP ✓
3. JLT		6-FILE

Enter date after each listed item is completed

X Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

Merger

The operator of the well(s) listed below has changed, effective: **9-30-2000**

FROM: (Old Operator):
MERIT ENERGY COMPANY
Address: 12222 MERIT DR.
DALLAS, TX 75251
Phone: 1-(972)-701-8377
Account N4900

TO: (New Operator):
JOURNEY OPERATING LLC
Address: 1201 LOUISIANA, SUITE 1040
HOUSTON, TX 77002
Phone: 1-(713)-655-0595
Account N1435

CA No.

Unit: KIVA (UPPER ISMAY)

WELL(S)

NAME	API NO.	ENTITY NO.	SEC. TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
NAVAJO FEDERAL 4-1	43-037-31112	9975	04-39S-25E	FEDERAL	WI	A
NAVAJO FEDERAL 12-4	43-037-31395	10864	04-39S-25E	FEDERAL	WI	A
NAVAJO FEDERAL 14-4	43-037-31321	10780	04-39S-25E	FEDERAL	WI	A
NAVAJO FEDERAL 23-4	43-037-31259	9975	04-39S-25E	FEDERAL	WI	A
NAVAJO FEDERAL 43-5	43-037-31317	9975	05-39S-25E	FEDERAL	WI	A
NAVAJO FEDERAL 21-9	43-037-31267	10759	09-39S-25E	FEDERAL	WI	A
KIVA FEDERAL 24-4	43-037-31745	9975	04-39S-25E	FEDERAL	OW	P
NAVAJO FEDERAL 4-2	43-037-31161	9975	04-39S-25E	FEDERAL	OW	P
NAVAJO FEDERAL 4-4	43-037-31179	9975	04-39S-25E	FEDERAL	OW	P
NAVAJO FEDERAL 42-5	43-037-31261	9975	05-39S-25E	FEDERAL	OW	P
NAVAJO FEDERAL 9-1	43-037-31001	9975	09-39S-25E	FEDERAL	OW	P
NAVAJO FEDERAL 42-9	43-037-31263	99998	09-39S-25E	FEDERAL	WSW	I

OPERATOR CHANGES DOCUMENTATION

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 10/23/2000
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 10/23/2000
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 01/05/2001

4. Is the new operator registered in the State of Utah: YES Business Number: 4822566-0161
5. If **NO**, the operator was contacted contacted on: _____
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 01/04/2001
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 01/04/2001
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A
9. **Underground Injection Control ("UIC") Pro:** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 01/08/2001

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 01/05/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 01/05/2001
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

STATE BOND VERIFICATION:

1. State well(s) covered by Bond No.: N/A

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

FILMING:

1. All attachments to this form have been **MICROFILMED** on: 2-21-01

FILING:

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: _____

COMMENTS:

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ
2. CDW

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

6/9/2006

FROM: (Old Operator): N1435-Journey Operating, LLC 201 Louisiana, Suite 1040 Houston, TX 77002 Phone: 1 (713) 655-0595	TO: (New Operator): N0265-Citation Oil & Gas Corp 8223 Willow Place South Houston, TX 77070 Phone: 1 (281) 517-7800
-------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------

WELL NAME	CA No.			Unit:	KIVA			
	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
NAVAJO FEDERAL 9-1	09	390S	250E	4303731001	9975	Federal	OW	P
NAVAJO FED 4-1	04	390S	250E	4303731112	9975	Federal	WI	A
NAVAJO FEDERAL 4-2	04	390S	250E	4303731161	9975	Federal	OW	S
NAVAJO FEDERAL 4-4	04	390S	250E	4303731179	9975	Federal	OW	P
NAVAJO FED 23-4	04	390S	250E	4303731259	9975	Federal	WI	I
NAVAJO FEDERAL 42-5	05	390S	250E	4303731261	9975	Federal	OW	S
NAVAJO FEDERAL 42-9	09	390S	250E	4303731263	9975	Federal	WS	A
NAVAJO FED 21-9	09	390S	250E	4303731267	9975	Federal	WI	A
NAVAJO FED 43-5	04	390S	250E	4303731317	9975	Federal	WI	A
NAVAJO FED 14-4	04	390S	250E	4303731321	9975	Federal	WI	A
NAVAJO FED 12-4	04	390S	250E	4303731395	9975	Federal	WI	A
24-4 KIVA FEDERAL	04	390S	250E	4303731745	9975	Federal	OW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/23/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/23/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: _____
- Is the new operator registered in the State of Utah: YES Business Number: 793304-0143
- (R649-9-2) Waste Management Plan has been received on: IN PLACE
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 7/6/2006 BIA
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 7/6/2006
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 6/30/2006

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 7/31/2006
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 7/31/2006
- Bond information entered in RBDMS on: n/a
- Fee/State wells attached to bond in RBDMS on: n/a
- Injection Projects to new operator in RBDMS on: 7/31/2006
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: 104061650
- Indian well(s) covered by Bond Number: 104061656

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached List
2. NAME OF OPERATOR: Journey Operating, L.L.C. N 1435		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1201 Louisiana, Suite 1040 CITY Houston STATE TX ZIP 77002		7. UNIT or CA AGREEMENT NAME: See Attached List
4. LOCATION OF WELL FOOTAGES AT SURFACE: See Attached List		8. WELL NAME and NUMBER: See Attached List
PHONE NUMBER: (713) 655-0595		9. API NUMBER: See Attach
10. FIELD AND POOL, OR WILDCAT: 		11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Journey Operating, L.L.C. advises, effective June 9, 2006, Citation Oil & Gas Corp. will become the operator of the wells on the attached list.

Citation Oil & Gas Corp. (N0265)
 8223 Willow Place South
 Houston, TX 77070
 (281) 517-7800
 Bond No.: 104325628 - \$120,000

BLM BOND = 104061650
BIA BOND = 104061656

By: *Robert T. Kennedy*
 Robert T. Kennedy
 Sr. Vice President Land

NAME (PLEASE PRINT) <u>Brian A. Baer</u>	TITLE <u>President</u>
SIGNATURE <u><i>Brian A. Baer</i></u>	DATE <u>6/9/2006</u>

(This space for State use only)

APPROVED 7/13/2006

Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

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JUN 23 2006

DIV. OF OIL, GAS & MINING



RICHARDSON OPERATING COMPANY

4725 S. Monaco Street, Suite 200
Denver, Colorado 80237
(303) 830-8000 Fax (303) 830-8009

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AUG 02 2013

DIV. OF OIL, GAS & MINING

July 29, 2013

Attn: Zeke Clements
Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Re: Sundry Notices and Reports on Wells - Change of Operator and Transfers of Authority to Inject

Dear Zeke:

Enclosed for approval by the Utah Division of Oil, Gas and Mining, please find two originally executed Sundry Notices and Reports on Wells on Form 9, for the following 18 leases and wells (API # included):

<u>Lease #</u>	<u>Well Name</u>	<u>API Well No.</u>
UTU-20894	Wash Unit 2	43-037-31324 ✓
UTU-20895	Havasus-Federal 41-24	43-037-31279 ✓
UTU-20895	Havasus-Federal 42-24	43-037-31298 ✓
UTU-40361	Bannock -Fed 21-33	43-037-31425 ✓
UTU-52333	24-4 Kiva Federal	43-037-31745 ✓
UTU-52333	Navajo Federal 12-4	43-037-31395 ✓
UTU-52333	Navajo Federal 14-4	43-037-31321 ✓
UTU-52333	Navajo Federal 21-9	43-037-31267 ✓
UTU-52333	Navajo Federal 4-1	43-037-31112 ✓
UTU-52333	Navajo Federal 4-2	43-037-31161 ✓
UTU-52333	Navajo Federal 42-9	43-037-31263 ✓
UTU-52333	Navajo Federal 4-4	43-037-31179 ✓
UTU-52333	Navajo Federal 9-1	43-037-31001 ✓
UTU-56185	Arabian Federal 3	43-037-31287 ✓
UTU-56186	Havasus-Federal 11-19	43-037-31458 ✓
UTU-56186	Havasus-Federal 22-19	43-037-31278 ✓
UTU-58728	Navajo Federal 42-5	43-037-31261 ✓
UTU-58728	Navajo Federal 43-5	43-037-31317 ✓

APPROVED

AUG 19 2013

DIV. OIL GAS & MINING
BY: Raehee Medina

Also enclosed for the approval by the Utah Division of Oil, Gas and Mining, please find one originally executed Transfer of Authority to Inject on Form UIC Form 5 for the following seven wells:

<u>Lease #</u>	<u>Well Name</u>	<u>API Well No.</u>
UTU-20895	Havasus-Federal 42-24	43-037-31298 ✓
UTU-52333	Navajo Federal 12-4	43-037-31395 ✓
UTU-52333	Navajo Federal 14-4	43-037-31321 ✓
UTU-52333	Navajo Federal 21-9	43-037-31267 ✓
UTU-52333	Navajo Federal 4-1	43-037-31112 ✓
UTU-56186	Havasus-Federal 11-19	43-037-31458 ✓
UTU-58728	Navajo Federal 43-5	43-037-31317 ✓

Please return the approved documents for each well to:

Richardson Operating Company
4725 S. Monaco Street, Suite 200,
Denver, Colorado 80237.

If you have any questions, please do not hesitate to contact me at the number above or via email at land@richardsonoil.com.

Sincerely,



Ann Barthrop
Senior Land Analyst

Enclosures

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AUG 02 2013
Div. of Oil, Gas & Mining

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING

CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

4/1/2013

FROM: (Old Operator):

N0265-Citation Oil & Gas Corp

P O BOX 690688

Houston, TX. 77269

Phone: 1 (281) 891-1000

TO: (New Operator):

N2400-Richardson Operating Co.

4725 S Monaco Street, Suite 200

Denver, CO. 80237

Phone: 1 (303)830-8000

CA No.				Unit:	Kiva(Upper Mesa)			
WELL NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 8/2/2013
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 8/2/2013
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 8/26/2013
- a. Is the new operator registered in the State of Utah: Business Number: 8776630-0143
- a. (R649-9-2)Waste Management Plan has been received on: N/A
- b. Inspections of LA PA state/fee well sites complete on: N/A
- c. Reports current for Production/Disposition & Sundries on: 8/19/2013
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM Not Yet BIA N/A
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: Not Yet
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: Not Yet
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 8/7/2013

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 8/26/2013
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 8/26/2013
- Bond information entered in RBDMS on: 8/26/2013
- Fee/State wells attached to bond in RBDMS on: N/A
- Injection Projects to new operator in RBDMS on: 8/26/2013
- Receipt of Acceptance of Drilling Procedures for APD/New on: N/A

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: RLB0002500
- Indian well(s) covered by Bond Number: N/A
- a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number N/A
- b. The **FORMER** operator has requested a release of liability from their bond on: N/A

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

COMMENTS:

Citation Oil & Gas Corp (N0265) to Richardson Operating Co. (N2400)
Effective 1-April-2013

Well Name	Sec.	Township	Range	API No.	Utah Entity No.	Mineral Lease Type	Well Type	Well Status	Unit Name
NAVAJO FEDERAL 9-1	09	390S	250E	4303731001	9975	Federal	Oil Well	Producing	KIVA (UPPER MESA)
NAVAJO FED 4-1	04	390S	250E	4303731112	9975	Federal	Water Injection	Active	KIVA (UPPER MESA)
NAVAJO FEDERAL 4-2	04	390S	250E	4303731161	9975	Federal	Oil Well	Producing	KIVA (UPPER MESA)
NAVAJO FEDERAL 4-4	04	390S	250E	4303731179	9975	Federal	Oil Well	Producing	KIVA (UPPER MESA)
NAVAJO FEDERAL 42-5	05	390S	250E	4303731261	9975	Federal	Oil Well	Producing	KIVA (UPPER MESA)
NAVAJO FEDERAL 42-9	09	390S	250E	4303731263	9975	Federal	Water Source	Active	KIVA (UPPER MESA)
NAVAJO FED 21-9	09	390S	250E	4303731267	9975	Federal	Water Injection	Active	KIVA (UPPER MESA)
NAVAJO FED 43-5	04	390S	250E	4303731317	9975	Federal	Water Injection	Active	KIVA (UPPER MESA)
NAVAJO FED 14-4	04	390S	250E	4303731321	9975	Federal	Water Injection	Active	KIVA (UPPER MESA)
NAVAJO FED 12-4	04	390S	250E	4303731395	9975	Federal	Water Injection	Plugged	KIVA (UPPER MESA)
24-4 KIVA FEDERAL	04	390S	250E	4303731745	9975	Federal	Oil Well	Producing	KIVA (UPPER MESA)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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AUG 02 2013

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Div. of Oil, Gas & Mining

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Change of Operator</u>		5. LEASE DESIGNATION AND SERIAL NUMBER: Federal UTU-58728
2. NAME OF OPERATOR: Richardson Operating Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 4725 S Monaco St. Suite 200 CITY <u>Denver</u> STATE <u>CO</u> ZIP <u>80237</u>		7. UNIT or CA AGREEMENT NAME: NA
4. LOCATION OF WELL FOOTAGES AT SURFACE: <u>2130 N 320 E</u> COUNTY: <u>SAN JUAN</u> QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <u>SENE 5 39S 25E</u> STATE: <u>UTAH</u>		8. WELL NAME and NUMBER: NAVAJO FEDERAL 42-5 9. API NUMBER: 037-31261 10. FIELD AND POOL, OR WILDCAT: KIVA
PHONE NUMBER: (303) 830-8000		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Citation Oil & Gas Corp. has sold the captioned well to Richardson Operating Company and requests they be named as Operator of Record effective 4/1/2013

Please release this well from coverage under Citation Oil & Gas Corp.'s Utah Statewide Bond # 104325628.

On behalf of Citation Oil & Gas Corp. I hereby certify that the foregoing is true and correct:

Sharon Ward Permitting Manager: Sharon Ward Date: 4/1/2013

By execution of this document, Richardson Operating Company requests the State of Utah to approve them as Operator of Record for the above captioned well and accepts responsibility for this well under it's Statewide Oil and Gas Lease Bond in favor of the United States Department of the Interior, Bureau of Land Management Bond # RLB0002500.

On behalf of Richardson Operating Company, I hereby certify that the foregoing is true and correct:	
NAME (PLEASE PRINT) <u>David B. Richardson, Jr.</u>	TITLE <u>President</u>
SIGNATURE <u>D.B. Richardson</u>	DATE <u>7-29-2013</u>

(This space for State use only)



RICHARDSON OPERATING COMPANY

4725 S. Monaco Street, Suite 200
Denver, Colorado 80237
(303) 830-8000 Fax (303) 830-8009

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AUG 02 2013

DIV. OF OIL, GAS & MINING

July 29, 2013

Attn: Zeke Clements
Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Re: Sundry Notices and Reports on Wells - Change of Operator and Transfers of Authority to Inject

Dear Zeke:

Enclosed for approval by the Utah Division of Oil, Gas and Mining, please find two originally executed Sundry Notices and Reports on Wells on Form 9, for the following 18 leases and wells (API # included):

<u>Lease #</u>	<u>Well Name</u>	<u>API Well No.</u>
UTU-20894	Wash Unit 2	43-037-31324 ✓
UTU-20895	Havasu-Federal 41-24	43-037-31279 ✓
UTU-20895	Havasu-Federal 42-24	43-037-31298 ✓
UTU-40361	Bannock -Fed 21-33	43-037-31425 ✓
UTU-52333	24-4 Kiva Federal	43-037-31745 ✓
UTU-52333	Navajo Federal 12-4	43-037-31395 ✓
UTU-52333	Navajo Federal 14-4	43-037-31321 ✓
UTU-52333	Navajo Federal 21-9	43-037-31267 ✓
UTU-52333	Navajo Federal 4-1	43-037-31112 ✓
UTU-52333	Navajo Federal 4-2	43-037-31161 ✓
UTU-52333	Navajo Federal 42-9	43-037-31263 ✓
UTU-52333	Navajo Federal 4-4	43-037-31179 ✓
UTU-52333	Navajo Federal 9-1	43-037-31001 ✓
UTU-56185	Arabian Federal 3	43-037-31287 ✓
UTU-56186	Havasu-Federal 11-19	43-037-31458 ✓
UTU-56186	Havasu-Federal 22-19	43-037-31278 ✓
UTU-58728	Navajo Federal 42-5	43-037-31261 ✓
UTU-58728	Navajo Federal 43-5	43-037-31317 ✓

APPROVED

AUG 19 2013

DIV. OIL GAS & MINING
BY: Raehee Medina

Also enclosed for the approval by the Utah Division of Oil, Gas and Mining, please find one originally executed Transfer of Authority to Inject on Form UIC Form 5 for the following seven wells:

<u>Lease #</u>	<u>Well Name</u>	<u>API Well No.</u>
UTU-20895	Havasus-Federal 42-24	43-037-31298 ✓
UTU-52333	Navajo Federal 12-4	43-037-31395 ✓
UTU-52333	Navajo Federal 14-4	43-037-31321 ✓
UTU-52333	Navajo Federal 21-9	43-037-31267 ✓
UTU-52333	Navajo Federal 4-1	43-037-31112 ✓
UTU-56186	Havasus-Federal 11-19	43-037-31458 ✓
UTU-58728	Navajo Federal 43-5	43-037-31317 ✓

Please return the approved documents for each well to:

Richardson Operating Company
4725 S. Monaco Street, Suite 200,
Denver, Colorado 80237.

If you have any questions, please do not hesitate to contact me at the number above or via email at land@richardsonoil.com.

Sincerely,



Ann Barthrop
Senior Land Analyst

Enclosures

RECEIVED
AUG 02 2013
Div. of Oil, Gas & Mining

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING

CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

4/1/2013

FROM: (Old Operator):

N0265-Citation Oil & Gas Corp

P O BOX 690688

Houston, TX. 77269

Phone: 1 (281) 891-1000

TO: (New Operator):

N2400-Richardson Operating Co.

4725 S Monaco Street, Suite 200

Denver, CO. 80237

Phone: 1 (303)830-8000

CA No.				Unit:	Kiva(Upper Mesa)			
WELL NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 8/2/2013
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 8/2/2013
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 8/26/2013
- a. Is the new operator registered in the State of Utah: Business Number: 8776630-0143
- a. (R649-9-2)Waste Management Plan has been received on: N/A
- b. Inspections of LA PA state/fee well sites complete on: N/A
- c. Reports current for Production/Disposition & Sundries on: 8/19/2013
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM Not Yet BIA N/A
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: Not Yet
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: Not Yet
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 8/7/2013

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 8/26/2013
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 8/26/2013
- Bond information entered in RBDMS on: 8/26/2013
- Fee/State wells attached to bond in RBDMS on: N/A
- Injection Projects to new operator in RBDMS on: 8/26/2013
- Receipt of Acceptance of Drilling Procedures for APD/New on: N/A

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: RLB0002500
- Indian well(s) covered by Bond Number: N/A
- a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number N/A
- b. The **FORMER** operator has requested a release of liability from their bond on: N/A

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

COMMENTS:

Citation Oil & Gas Corp (N0265) to Richardson Operating Co. (N2400)
Effective 1-April-2013

Well Name	Sec.	Township	Range	API No.	Utah Entity No.	Mineral Lease Type	Well Type	Well Status	Unit Name
NAVAJO FEDERAL 9-1	09	390S	250E	4303731001	9975	Federal	Oil Well	Producing	KIVA (UPPER MESA)
NAVAJO FED 4-1	04	390S	250E	4303731112	9975	Federal	Water Injection	Active	KIVA (UPPER MESA)
NAVAJO FEDERAL 4-2	04	390S	250E	4303731161	9975	Federal	Oil Well	Producing	KIVA (UPPER MESA)
NAVAJO FEDERAL 4-4	04	390S	250E	4303731179	9975	Federal	Oil Well	Producing	KIVA (UPPER MESA)
NAVAJO FEDERAL 42-5	05	390S	250E	4303731261	9975	Federal	Oil Well	Producing	KIVA (UPPER MESA)
NAVAJO FEDERAL 42-9	09	390S	250E	4303731263	9975	Federal	Water Source	Active	KIVA (UPPER MESA)
NAVAJO FED 21-9	09	390S	250E	4303731267	9975	Federal	Water Injection	Active	KIVA (UPPER MESA)
NAVAJO FED 43-5	04	390S	250E	4303731317	9975	Federal	Water Injection	Active	KIVA (UPPER MESA)
NAVAJO FED 14-4	04	390S	250E	4303731321	9975	Federal	Water Injection	Active	KIVA (UPPER MESA)
NAVAJO FED 12-4	04	390S	250E	4303731395	9975	Federal	Water Injection	Plugged	KIVA (UPPER MESA)
24-4 KIVA FEDERAL	04	390S	250E	4303731745	9975	Federal	Oil Well	Producing	KIVA (UPPER MESA)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

RECEIVED

AUG 02 2013

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Div. of Oil, Gas & Mining

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER Change of Operator

2. NAME OF OPERATOR:
Richardson Operating Company

3. ADDRESS OF OPERATOR:
4725 S Monaco St. Suite 200 CITY Denver STATE CO ZIP 80237

PHONE NUMBER:
(303) 830-8000

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 2130 N 320 E

COUNTY: SAN JUAN

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 5 39S 25E

STATE: UTAH

5. LEASE DESIGNATION AND SERIAL NUMBER:
Federal UTU-58728

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
N/A

7. UNIT or CA AGREEMENT NAME:
NA

8. WELL NAME and NUMBER:
NAVAJO FEDERAL 42-5

9. API NUMBER:
037-31261

10. FIELD AND POOL, OR WILDCAT:
KIVA

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Citation Oil & Gas Corp. has sold the captioned well to Richardson Operating Company and requests they be named as Operator of Record effective 4/1/2013

Please release this well from coverage under Citation Oil & Gas Corp.'s Utah Statewide Bond # 104325628.

On behalf of Citation Oil & Gas Corp. I hereby certify that the foregoing is true and correct:

Sharon Ward Permitting Manager: Sharon Ward Date: 4/1/2013

By execution of this document, Richardson Operating Company requests the State of Utah to approve them as Operator of Record for the above captioned well and accepts responsibility for this well under it's Statewide Oil and Gas Lease Bond in favor of the United States Department of the Interior, Bureau of Land Management Bond # RLB0002500.

On behalf of Richardson Operating Company, I hereby certify that the foregoing is true and correct:

NAME (PLEASE PRINT) David B. Richardson, Jr.

TITLE President

SIGNATURE D.B. Richardson

DATE 7-29-2013

(This space for State use only)